



International Boundary & Water Commission

United States Section

San Diego Field Office
2225 Dairy Mart Road
San Diego, CA 92173

February 13, 2008

2008 FEB 15 P 3:28
SAN DIEGO REGIONAL
WATER QUALITY
CONTROL BOARD

Mr. John H. Robertus
Executive Officer
California Regional Water Quality Control Board
San Diego Region
9174 Sky Park Court, Suite 100
San Diego, Ca. 92123

SUBJECT: December 2007 Monitoring Results for the South Bay International Wastewater Treatment Plant, San Diego, California, Order No. 96-50, NPDES Permit No. CA0108928

Dear Mr. Robertus:

Enclosed are the December, 2007 influent and effluent test results; 6-month median report; December, 2007 monthly flow report for the South Bay International Wastewater Treatment Plant (SBIWTP); as well as the December, 2007 Monthly Receiving Water Report.

The following exceedances of the NPDES permit were observed:

- (1) The maximum (50 mg/l), 7-day (45 mg/l) and 30-day (30 mg/l) concentration limits and the associated respective mass emission rates (10,000, 9400 and 6300 lb/day) were exceeded.
- (2) The maximum (45 mg/l), 7-day (40 mg/l) and 30-day (25 mg/l) concentration limits for carbonaceous biological oxygen demand (CBOD) and the associated respective mass emission rates (9400, 8300 and 5200 lb/day) were exceeded.
- (3) The maximum (2.5 Tua), 7-day (2.0 Tua) and 30-day (1.5 Tua) average effluent limits for acute toxicity were exceeded. The daily maximum was exceeded on December 7, 13, 19, and 27, 2007.
- (4) The daily maximum effluent limit (100Tuc) for chronic toxicity was not exceeded in December 2007.
- (5) Samples were collected at the 11 shore stations 4 times during the month of December. Elevated densities of total and fecal bacteria above benchmark values (1000CFU/100mL for total coliform, 400 CFU/100 mL for fecal coliforms) occurred at all stations except S8, S9 and S12 during December following three days of rainfall. Elevated levels of coliform bacteria at

stations S0, S4, S5 and S10 occurred on more than one day during the month of December. On December 4 concentrations of total coliforms collected at stations S4, S5 and S10 exceeded 10,000 CFU/100 mL; however, resamples collected on December 5 confirmed that none of these stations exceeded 10,000CFU/100mL 2001 COP standard. Several stations exceeded different COP standard associated with the rainstorm of early December: (a) stations S5, S6, S10 and S11 exceeded the 30- day total coliform standard; (b) stations S4, S5, and S10 exceeded the 60-day fecal coliform standard; (c) station S5 exceeded the 30-day fecal geometric mean standard.

(6) Although the 2001 California Ocean Plan (COP) does not specify compliance standards for enterococcus bacteria, it does provide assessment objectives for these bacteria (i.e., a geometric mean density of 24 organisms/100 mL over a 30-day period, or 12 organisms/100 ml over a 6-month period). Elevated levels of enterococcus occurred at stations S4, S5, S6 and S10 mostly on December 4 and 11; stations S5 and S10 exceeded the 30-day geometric mean for enterococcus.

(7) The 3 kelp bed water quality stations were sampled 5 times during the month of December. No kelp bed water quality samples had densities of coliform or entrococcus bacteria above benchmark values (1000 CFU/100 mL for total coliforms and 400CFU for fecal coliforms and 104 CFU/100mL for enterococcus) in December. All kelp stations water quality samples met the 2001 COP standards. All kelp stations met the enterococcus assessment objectives. Data from kelp station CTD casts indicated that the water column was unstratified during December with a difference of approximately of 0.5°C or less between surface and bottom waters at all but one station. The one exception occurred at station I39 on December 29 when the difference was 1.5°C. The minimum bottom temperature was 11.7 °C and the maximum surface temperature was 14.7°C. Mean chlorophyll *a* levels of 2.2–8.8 µg/L with a maximum value of 11.9µg/L from CTD casts suggest that a slight plankton bloom was present at all 3 kelp stations during December.

(8) Monthly water quality sampling was conducted on December 3, 4 and 11 at a total of 40 stations. Five water samples with elevated densities of indicator total and fecal coliform bacteria above benchmark values (1000 CFU/100 mL for total coliforms and 400CFU for fecal coliforms) were collected at two of the monthly water quality stations (Station I18, 2-m and 12-m depth samples and Station I19, 2-m, 6-m and 11-m depth samples). CTD profile data indicate that the water column was unstratified at 12 monthly stations and only marginally stratified (1.0-3.0 °C difference between surface and bottom) at other 28 stations during the three sampling days. Average water column temperatures ranged from 13.4 °C to 15.8°C. The minimum bottom temperature was 11.6°C and the maximum surface temperature was 16.0°C. Evidence of a slight plankton bloom was detected at the monthly stations with mean chlorophyll *a* levels of 2.2-6.0 µg/L and a maximum value of 8.6µg/L occurring at stations located near the mouth of San Diego Bay. The range of suspended solid values was <0.2 -18.8 mg/L. Elevated levels of suspended solids (≥ 8 mg/L) occurred in water samples collected at stations I19 and I24 (11-m depth) at station I30 (27-m depth) and stations I 32, I37 (6-m depth). Oil and grease values were <0.2 mg/L at all stations.

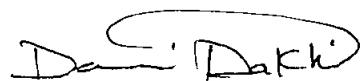
(9) No trawl samples were collected during December.

(10) No benthic samples were collected in December.

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this document and all attachments and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.

If you require any additional information, please contact Mr. Gilbert Anaya, at (915) 832-4702.

Sincerely,



Dawi F. Dakhil
Project Manager

Enclosures as Stated:

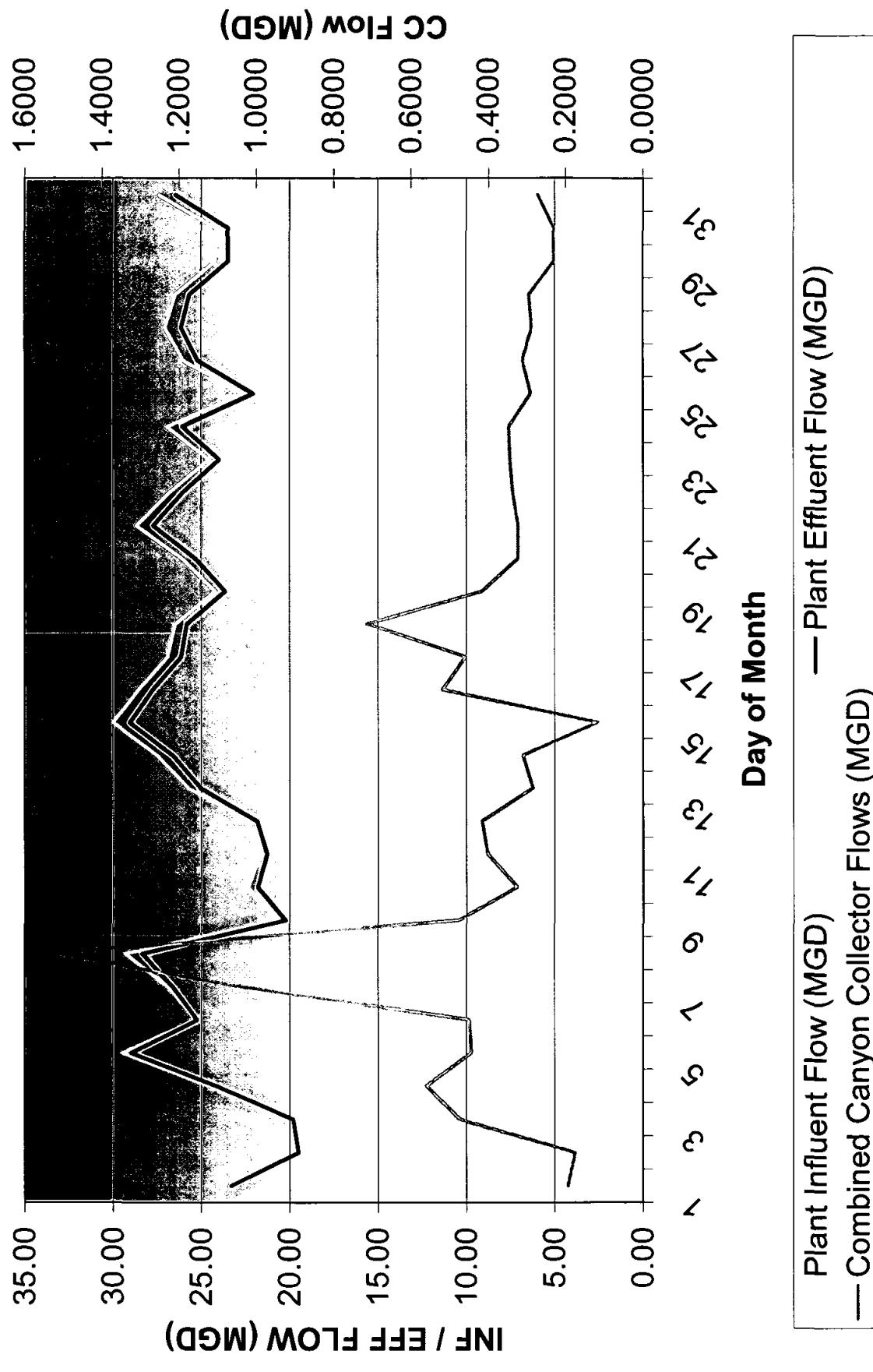
I:\NPDES\2007\December07 Monitoring Results.doc

cc: Elizabeth Borowiec, EPA
Environmental Protection Specialist
U.S. EPA Region 9
75 Hawthorne Street (WTR-4)
San Francisco, CA 94105-3901

SOUTH BAY IWTP
MONTHLY FLOW REPORT
Monday, December 31, 2007

Day	Plant Influent Flow (MGD)	Combined Canyon Collector Flows (MGD)	Primary Effluent Emergency Connection Flow (MGD)	Plant Effluent Flow (MGD)	Combined Primary Sludge Flow (GPD)	Combined BFP Sludge Flow (GPD)
1	23.18	0.1936	0.00	23.30	81237.15	127020.50
2	19.48	0.1754	0.00	19.49	85207.80	127246.89
3	19.83	0.4737	0.00	19.80	100311.76	188448.76
4	24.48	0.5604	0.00	24.13	96907.36	269918.89
5	29.45	0.4433	0.00	28.99	108907.58	285689.72
6	25.18	0.4485	0.00	25.21	120885.76	289170.54
7	26.87	1.0437	0.00	26.61	118865.96	242783.22
8	29.29	1.5184	0.00	28.33	128829.51	159879.09
9	20.60	0.4765	0.00	20.22	121269.54	193611.42
10	22.36	0.3249	0.00	21.80	120247.08	241840.78
11	21.62	0.4011	0.00	21.27	102797.28	236528.34
12	22.28	0.4156	0.00	21.83	108404.71	197150.33
13	25.70	0.2845	0.00	25.00	107282.75	240987.24
14	27.48	0.3103	0.00	26.60	1113152.04	225043.41
15	29.99	0.1165	0.00	29.04	112634.41	192723.03
16	28.55	0.5180	0.00	27.75	124474.08	163877.19
17	26.90	0.4582	0.00	26.15	114753.37	178121.23
18	26.47	0.7135	0.00	25.81	120954.93	212667.85
19	24.20	0.4162	0.00	23.64	116119.84	200835.68
20	26.07	0.3224	0.00	25.34	115221.70	207000.43
21	28.66	0.3223	0.00	27.72	106620.44	214387.25
22	26.80	0.3369	0.00	26.06	93878.73	169557.18
23	24.55	0.3436	0.00	23.97	106798.30	168338.46
24	26.95	0.3472	0.00	26.07	108971.97	172084.83
25	22.65	0.2903	0.00	22.05	112570.80	197404.96
26	26.01	0.3119	0.00	25.22	121633.15	206303.32
27	27.05	0.2883	0.00	26.14	126125.72	220797.12
28	26.47	0.2951	0.00	25.66	129412.37	212547.51
29	24.19	0.2297	0.00	23.47	137917.03	272732.07
30	24.20	0.2314	0.00	23.49	125306.28	248437.28
31	27.40	0.2728	0.00	26.48	113578.88	188961.12
AVERAGE FLOW	25.32	0.4156	0.00	24.73	112947.69	208132.12
MAX AVERAGE DAILY FLOW	29.99	1.5184	0.00	29.04	137917.03	289170.54
MIN AVERAGE DAILY FLOW	19.48	0.1165	0.00	19.49	81237.15	127020.50
TOTAL MONTHLY FLOW	784.89	12.8841	0.00	766.62	3501378.30	6452095.62

Daily Flow



NPDES NO. CA0108928 ORDER 96-52
MONTHLY INFLUENT MONITORING REPORT
DISCHARGER: SOUTH BAY INTERNATIONAL WWTP

Report for: December 2007
 Report Frequency: Monthly Sampling Point: Influent
 Samples Collected By: Veolia Water Analyzed By: Sierra Labs

Flows and Grab Samples

Date	Influent	Canyon	Influent	7 Day Avg			7 Day Avg
	Flow (MGD)	Collector	Settable	Influent	Influent pH & Grease	(mg/L)	Influent Oil & Grease (mg/L)
			Solids (ml/L)	Solids (ml/L)	SU	7 day	7 day
LIMITS							
12/01/07	23.22	0.187000		5.1			21.7
12/02/07	19.49	0.163000		5.1			21.7
12/03/07	19.85	0.459000		5.1			21.7
12/04/07	24.49	0.524000	4.4	4.4	7.3	21.7	21.7
12/05/07	29.45	0.411000		4.4			21.7
12/06/07	25.18	0.409000		4.4			21.7
12/07/07	26.93	1.019000	5.6	5.0	7.2	23.7	22.7
12/08/07	29.17	1.519000		5.0			22.7
12/09/07	20.62	0.478000		5.0			22.7
12/10/07	22.32	0.290000		5.0			22.7
12/11/07	21.65	0.383000		5.6			23.7
12/12/07	22.32	0.386000		5.6			23.7
12/13/07	25.76	0.277000	7.3	6.5	6.9	26.2	25.0
12/14/07	27.59	0.273000		7.3			26.2
12/15/07	29.99	0.092000		7.3			26.2
12/16/07	28.33	0.510000		7.3			26.2
12/17/07	26.87	0.444000		7.3			26.2
12/18/07	26.53	0.689000		7.3			26.2
12/19/07	24.27	0.405000	5.6	6.5	7.3	31.6	28.9
12/20/07	26.12	0.330000		5.6			31.6
12/21/07	28.70	0.308000		5.6			31.6
12/22/07	26.86	0.317000		5.6			31.6
12/23/07	24.56	0.318000		5.6			31.6
12/24/07	26.99	0.334000		5.6			31.6
12/25/07	22.67	0.277000	10.0	7.8	7.3	24.8	28.2
12/26/07	26.05	0.311000		10.0			24.8
12/27/07	27.09	0.272000		10.0			24.8
12/28/07	26.52	0.277000		10.0			24.8
12/29/07	24.21	0.250000		10.0			24.8
12/30/07	24.28	0.228000		10.0			24.8
12/31/07	27.49	0.248000		10.0			24.8
Average	25.34	0.40	6.58	6.61	7.20	25.60	25.43
Maximum	29.99	1.52	10.00	10.00	7.30	31.60	31.60
Minimum	19.49	0.09	4.40	4.40	6.90	21.70	21.70

NPDES NO. CA0108928 ORDER 96-52
MONTHLY INFLUENT MONITORING REPORT
DISCHARGER: SOUTH BAY INTERNATIONAL WWTP

Report for: December 2007
 Report Frequency: Monthly Sampling Point: Influent
 Samples Collected By: Veolia Water Analyzed By: Sierra Labs

BOD and Solids

Date	Influent	Influent	Influent	Influent	Influent	Influent	Influent	Influent
	Temp (C)	TSS Influent (mg/L)	TSS 7D AV (mg/L)	VSS (mg/L)	BOD (mg/L)	Soluable BOD (mg/L)	CBOD (mg/L)	7D Av (mg/L)
LIMITS								
12/01/07	19.7	275	276				272	282
12/02/07	21.0	264	291				275	291
12/03/07	18.0	258	277				275	282
12/04/07	15.0	296	273	132	328	274	309	279
12/05/07	15.0	289	275				300	283
12/06/07	17.0	297	277				290	283
12/07/07	15.0	285	281	151	299	264	289	287
12/08/07	17.0	303	285				315	293
12/09/07	15.5	312	291				322	300
12/10/07	15.0	314	299	147			336	309
12/11/07	16.5	263	295	117			260	302
12/12/07	19.0	308	297	137			327	306
12/13/07	16.5	334	303	155	372	307	358	315
12/14/07	11.0	304	305	150			307	318
12/15/07	12.5	386	317	147			381	327
12/16/07	17.0	393	329	186			408	340
12/17/07	12.0	338	332	171			341	340
12/18/07	14.0	319	340	162			328	350
12/19/07	17.0	274	335	153	302	240	285	344
12/20/07	17.0	373	341	108			370	346
12/21/07	17.5	399	355	110			418	362
12/22/07	13.0	368	352	119			374	361
12/23/07	13.0	337	344	106			318	348
12/24/07	14.0	371	349	108			376	353
12/25/07	13.0	422	363	121	448	388	420	366
12/26/07	13.8	319	370	97			327	372
12/27/07	11.0	415	376	124			416	378
12/28/07	11.5	302	362	147			321	365
12/29/07	13.0	348	359	108			349	361
12/30/07	13.0	343	360	100			360	367
12/31/07	14.0	333	355	90			348	363
Average	15.08	327.16	321.42	131.08	349.80	294.60	334.68	328.16
Maximum	21.00	422.00	375.86	186.00	448.00	388.00	420.00	378.43
Minimum	11.00	258.00	273.14	90.00	299.00	240.00	260.00	278.71

NPDES NO. CA0108928 ORDER 96-52
MONTHLY INFLUENT MONITORING REPORT
DISCHARGER: SOUTH BAY INTERNATIONAL WWTP

Report for: December 2007
 Report Frequency: Monthly Sampling Point: Influent
 Samples Collected By: Veolia Water Analyzed By: Sierra Labs

Influent Composite Samples

Date	Influent COD (mg/L)	Influent Floatables (mg/L)	Influent TDS (mg/L)	Influent Turbidity (NTU)	Influent 7-Day Turbidity (NTU)	Influent Ammonia (mg/L)	Influent Total Solids (mg/L)	Influent Volatile Solids (mg/L)
LIMITS								
12/01/07					180.0			
12/02/07					180.0			
12/03/07					180.0			
12/04/07	847	4.5	1,680	180	180.0	47.5	2,290	1,140
12/05/07					180.0			
12/06/07					180.0			
12/07/07	863	5.7	1,580	161	170.5	50.8	2,310	1,240
12/08/07					170.5			
12/09/07					170.5			
12/10/07					170.5			
12/11/07					170.5			
12/12/07					170.5			
12/13/07	766	7.3	1,620	180	170.5	48.3	2,200	1,060
12/14/07					180.0			
12/15/07					180.0			
12/16/07					180.0			
12/17/07					180.0			
12/18/07					180.0			
12/19/07	903	5.7	1,610	180	180.0	48.5	2,310	1,380
12/20/07					180.0			
12/21/07					180.0			
12/22/07					180.0			
12/23/07					180.0			
12/24/07					180.0			
12/25/07	844	10.2	1,560	180	180.0	45.9	2,180	1,180
12/26/07					180.0			
12/27/07					180.0			
12/28/07					180.0			
12/29/07					180.0			
12/30/07					180.0			
12/31/07								
Average	844.60	6.68	1,610.00	176.20	177.78	48.20	2,258.00	1,200.00
Maximum	903.00	10.20	1,680.00	180.00	180.00	50.80	2,310.00	1,380.00
Minimum	766.00	4.50	1,560.00	161.00	170.50	45.90	2,180.00	1,060.00

NPDES NO. CA0108928 ORDER 96-52
MONTHLY INFLUENT MONITORING REPORT
DISCHARGER: SOUTH BAY INTERNATIONAL WWTP

Report for: December 2007
 Report Frequency: Monthly Sampling Point: Influent
 Samples Collected By: Veolia Water Analyzed By: Sierra Labs

Influent Metals

Date	Influent Antimony (mg/L)	Influent Antimony Pounds/Day	Influent Arsenic (mg/L)	Influent Arsenic Pounds/Day	Influent Beryllium (mg/L)	Influent Beryllium Pounds/Day	Influent Cadmium (mg/L)	Influent Cadmium Pounds/Day	Influent Total Chromium (mg/L)	Influent Chromium Pounds/ Day
LIMITS			0.024	5	0.0025	0.5	0.06	13		
12/01/07										
12/02/07										
12/03/07										
12/04/07	0.000	0.000	0.000	0.000	0.0000	0.0000	0.000	0.000	0.000	0.000
12/05/07										
12/06/07										
12/07/07	0.000	0.000	0.000	0.000	0.0000	0.0000	0.000	0.000	0.114	25.604
12/08/07										
12/09/07										
12/10/07										
12/11/07										
12/12/07										
12/13/07	0.000	0.000	0.000	0.000	0.0000	0.0000	0.000	0.000	0.000	0.000
12/14/07										
12/15/07										
12/16/07										
12/17/07										
12/18/07										
12/19/07	0.000	0.000	0.000	0.000	0.0000	0.0000	0.000	0.000	0.000	0.000
12/20/07										
12/21/07										
12/22/07										
12/23/07										
12/24/07										
12/25/07	0.000	0.000	0.000	0.000	0.0000	0.0000	0.000	0.000	0.042	7.903
12/26/07										
12/27/07										
12/28/07										
12/29/07										
12/30/07										
12/31/07										
Average	0.000	0.000	0.000	0.000	0.0000	0.0000	0.000	0.000	0.031	6.701
Maximum	0.000	0.000	0.000	0.000	0.0000	0.0000	0.000	0.000	0.114	25.604
Minimum	0.000	0.000	0.000	0.000	0.0000	0.0000	0.000	0.000	0.000	0.000

NPDES NO. CA0108928 ORDER 96-52
MONTHLY INFLUENT MONITORING REPORT
DISCHARGER: SOUTH BAY INTERNATIONAL WWTP

Report for: December 2007
 Report Frequency: Monthly
 Samples Collected By: Veolia Water Sampling Point: Influent
 Analyzed By: Sierra Labs

Influent Metals

Date	Influent Copper (mg/L)	Influent Copper Pounds/ Day	Influent Iron (mg/L)	Influent Lead (mg/L)	Influent Lead Pounds/ Day	Influent Mercury (ug/L)	Influent Mercury Pounds/ Day	Influent Nickel (mg/L)	Influent Nickel Pounds/ Day
LIMITS				.16	34	.0054	1.1		
12/01/07									
12/02/07									
12/03/07									
12/04/07	0.017	3.431	4.150	0.000	0.000	0.000000	0.000000	0.049	9.967
12/05/07									
12/06/07									
12/07/07	0.577	129.592	62.300	0.079	17.631	0.000000	0.000000	0.126	28.299
12/08/07									
12/09/07									
12/10/07									
12/11/07									
12/12/07									
12/13/07	0.015	3.180	4.790	0.000	0.000	0.000000	0.000000	0.035	7.476
12/14/07									
12/15/07									
12/16/07									
12/17/07									
12/18/07									
12/19/07	0.030	5.991	2.450	0.000	0.000	0.000000	0.000000	0.026	5.222
12/20/07									
12/21/07									
12/22/07									
12/23/07									
12/24/07									
12/25/07	0.437	82.623	68.600	0.043	8.168	0.000000	0.000000	0.038	7.147
12/26/07									
12/27/07									
12/28/07									
12/29/07									
12/30/07									
12/31/07									
Average	0.215	44.963	28.458	0.024	5.160	0.000000	0.000000	0.055	11.622
Maximum	0.577	129.592	68.600	0.079	17.631	0.000000	0.000000	0.126	28.299
Minimum	0.015	3.180	2.450	0.000	0.000	0.000000	0.000000	0.026	5.222

NPDES NO. CA0108928 ORDER 96-52
MONTHLY INFLUENT MONITORING REPORT
DISCHARGER: SOUTH BAY INTERNATIONAL WWTP

Report for: December 2007
 Report Frequency: Monthly Sampling Point: Influent
 Samples Collected By: Veolia Water Analyzed By: Sierra Lab

Influent Metals

Date	Influent	Influent	Influent	Influent	Influent	Influent
	Selenium	Silver	Silver	Thallium	Zinc	Zinc
LIMITS	(mg/L)	(mg/L)	Pounds/ Day	(mg/L)	(mg/L)	Pounds/ Day
12/01/07						
12/02/07						
12/03/07						
12/04/07	0.000	0.000	0.000	0.000	0.040	8.088
12/05/07						
12/06/07						
12/07/07	0.000	0.019	4.267	0.000	0.092	20.730
12/08/07						
12/09/07						
12/10/07						
12/11/07						
12/12/07						
12/13/07	0.000	0.000	0.000	0.000	0.000	0.000
12/14/07						
12/15/07						
12/16/07						
12/17/07						
12/18/07						
12/19/07	0.000	0.000	0.000	0.000	0.033	6.639
12/20/07						
12/21/07						
12/22/07						
12/23/07						
12/24/07						
12/25/07	0.000	0.011	2.080	0.000	0.946	178.858
12/26/07						
12/27/07						
12/28/07						
12/29/07						
12/30/07						
12/31/07						
Average	0.000	0.006	1.269	0.000	0.222	42.863
Maximum	0.000	0.019	4.267	0.000	0.946	178.858
Minimum	0.000	0.000	0.000	0.000	0.000	0.000

NPDES NO. CA0108928 ORDER 96-52
MONTHLY INFLUENT MONITORING REPORT
DISCHARGER: SOUTH BAY INTERNATIONAL WWTP

Report for: December 2007
Report Frequency: Monthly Sampling Point: Influent
Samples Collected By: Veolia Water Analyzed By: Sierra Labs

Influent Cyanide and Radiation

Date	Influent Cyanide (mg/L)	Influent Cyanide Pounds/ Day	Influent Alpha Radiation (pc/L)	Influent Beta Radiation (pc/L)
LIMITS				
12/01/07				
12/02/07				
12/03/07				
12/04/07	0.020	4.085	3.17+/-1.69	15.9+/-5.11
12/05/07				
12/06/07				
12/07/07	0.020	4.492		
12/08/07				
12/09/07				
12/10/07				
12/11/07				
12/12/07				
12/13/07	0.020	4.297		
12/14/07				
12/15/07				
12/16/07				
12/17/07				
12/18/07				
12/19/07	0.020	4.048		
12/20/07				
12/21/07				
12/22/07				
12/23/07				
12/24/07				
12/25/07	0.020	3.781		
12/26/07				
12/27/07				
12/28/07				
12/29/07				
12/30/07				
12/31/07				
Average	0.020	4.141	3.17+/-1.69	15.9+/-5.11
Maximum	0.020	4.492	3.17+/-1.69	15.9+/-5.11
Minimum	0.020	3.781	3.17+/-1.69	15.9+/-5.11

NPDES NO. CA0108928 ORDER 96-52
MONTHLY INFLUENT MONITORING REPORT
DISCHARGER: SOUTH BAY INTERNATIONAL WWTP

Report for: December 2007
 Report Frequency: Monthly
 Samples Collected By: Veolia Water Sampling Point:
 Analyzed By: Influent
 Sierra Labs

Influent Pesticides

Date	Influent Aldrin (ug/L)	Influent Dieldrin (ug/L)	Influent Alpha BHC (ug/L)	Influent Beta BHC (ug/L)	Influent Gamma BHC (ug/L)	Influent Gamma BHC (lbs/Day)	Influent Delta BHC (ug/L)	Influent Total HCH (ug/L)	Influent p,p'-DDD (ug/L)
LIMITS									
12/01/07									
12/02/07									
12/03/07									
12/04/07	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
12/05/07									
12/06/07									
12/07/07	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
12/08/07									
12/09/07									
12/10/07									
12/11/07									
12/12/07									
12/13/07	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
12/14/07									
12/15/07									
12/16/07									
12/17/07									
12/18/07									
12/19/07	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
12/20/07									
12/21/07									
12/22/07									
12/23/07									
12/24/07									
12/25/07	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
12/26/07									
12/27/07									
12/28/07									
12/29/07									
12/30/07									
12/31/07									
Average	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Maximum	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Minimum	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

NPDES NO. CA0108928 ORDER 96-52
MONTHLY INFLUENT MONITORING REPORT
DISCHARGER: SOUTH BAY INTERNATIONAL WWTP

Report for: December 2007
 Report Frequency: Monthly Sampling Point: Influent
 Samples Collected By: Veolia Water Analyzed By: Sierra Labs

Influent Pesticides

Date	Influent p,p'-DDE (ug/L)	Influent p,p'-DDT (ug/L)	Influent o,p-DDD (ug/L)	Influent o,p-DDE (ug/L)	Influent o,p-DDT (ug/L)	Influent Total DDT (ug/L)	Influent Heptachlor (ug/L)	Influent Heptachlor Epoxide (ug/L)	Influent Total Heptachlor (ug/L)
LIMITS									
12/01/07									
12/02/07									
12/03/07									
12/04/07	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
12/05/07									
12/06/07									
12/07/07	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
12/08/07									
12/09/07									
12/10/07									
12/11/07									
12/12/07									
12/13/07	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
12/14/07									
12/15/07									
12/16/07									
12/17/07									
12/18/07									
12/19/07	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
12/20/07									
12/21/07									
12/22/07									
12/23/07									
12/24/07									
12/25/07	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
12/26/07									
12/27/07									
12/28/07									
12/29/07									
12/30/07									
12/31/07									
Average	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Maximum	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Minimum	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

NPDES NO. CA0108928 ORDER 96-52
MONTHLY INFLUENT MONITORING REPORT
DISCHARGER: SOUTH BAY INTERNATIONAL WWTP

Report for: December 2007

Report Frequency: Monthly

Samples Collected By: Veolia Water

Sampling Point:

Influent

Analyzed By:

Sierra Labs

Influent Pesticides

Date	Influent Alpha(cis) Chlordane (ug/L)	Influent gamma-trans Chlordane (ug/L)	Influent Oxy- Chlordane (ug/L)	Influent Trans- Nonachlor (ug/L)	Influent cis Nonachlor (ug/L)	Influent Total Chlordane (ug/L)
LIMITS						
12/01/07						
12/02/07						
12/03/07						
12/04/07	0.0	0.00	0.0	0.0	0.0	0.0
12/05/07						
12/06/07						
12/07/07	0.0	0.00	0.0	0.0	0.0	0.0
12/08/07						
12/09/07						
12/10/07						
12/11/07						
12/12/07						
12/13/07	0.0	0.00	0.0	0.0	0.0	0.0
12/14/07						
12/15/07						
12/16/07						
12/17/07						
12/18/07						
12/19/07	0.0	0.00	0.0	0.0	0.0	0.0
12/20/07						
12/21/07						
12/22/07						
12/23/07						
12/24/07						
12/25/07	0.0	0.00	0.0	0.0	0.0	0.0
12/26/07						
12/27/07						
12/28/07						
12/29/07						
12/30/07						
12/31/07						
Average	0.00	0.00	0.00	0.00	0.00	0.00
Maximum	0.00	0.00	0.00	0.00	0.00	0.00
Minimum	0.00	0.00	0.00	0.00	0.00	0.00

NPDES NO. CA0108928 ORDER 96-52
MONTHLY INFLUENT MONITORING REPORT
DISCHARGER: SOUTH BAY INTERNATIONAL WWTP

Report for: December 2007
 Report Frequency: Monthly Sampling Point: Influent
 Samples Collected By: Veolia Water Analyzed By: Sierra Labs

Influent Pesticides

Date	Influent Alpha Enodosulfan (ug/L)	Influent Beta Enodosulfan (ug/L)	Influent Endosulfan Sulfate (ug/L)	Influent Total Endosulfan (ug/L)	Influent Endrin (ug/L)	Influent Endrin aldehyde (ug/L)	Influent Mirex (ug/L)	Influent Methoxy chlor (ug/L)	Influent Toxaphene (ug/L)
LIMITS									
12/01/07									
12/02/07									
12/03/07									
12/04/07	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
12/05/07									
12/06/07									
12/07/07	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
12/08/07									
12/09/07									
12/10/07									
12/11/07									
12/12/07									
12/13/07	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
12/14/07									
12/15/07									
12/16/07									
12/17/07									
12/18/07									
12/19/07	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
12/20/07									
12/21/07									
12/22/07									
12/23/07									
12/24/07									
12/25/07	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
12/26/07									
12/27/07									
12/28/07									
12/29/07									
12/30/07									
12/31/07									
Average	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Maximum	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Minimum	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

NPDES NO. CA0108928 ORDER 96-52
MONTHLY INFLUENT MONITORING REPORT
DISCHARGER: SOUTH BAY INTERNATIONAL WWTP

Report for: December 2007
 Report Frequency: Monthly
 Samples Collected By: Veolia Water Sampling Point:
 Analyzed By: Influent
 Sierra Labs

Influent PCB's

Date	Influent PCB 1016 (ug/L)	Influent PCB 1221 (ug/L)	Influent PCB 1232 (ug/L)	Influent PCB 1242 (ug/L)	Influent PCB 1254 (ug/L)	Influent PCB 1260 (ug/L)	Influent PCB 1262 (ug/L)	Influent Total PCB's (ug/L)
LIMITS								
12/01/07								
12/02/07								
12/03/07								
12/04/07	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
12/05/07								
12/06/07								
12/07/07	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
12/08/07								
12/09/07								
12/10/07								
12/11/07								
12/12/07								
12/13/07	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
12/14/07								
12/15/07								
12/16/07								
12/17/07								
12/18/07								
12/19/07	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
12/20/07								
12/21/07								
12/22/07								
12/23/07								
12/24/07								
12/25/07	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
12/26/07								
12/27/07								
12/28/07								
12/29/07								
12/30/07								
12/31/07								
Average	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Maximum	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Minimum	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

NPDES NO. CA0108928 ORDER 96-52
MONTHLY INFLUENT MONITORING REPORT
DISCHARGER: SOUTH BAY INTERNATIONAL WWTP

Report for: December 2007
 Report Frequency: Monthly Sampling Point: Influent
 Samples Collected By: Veolia Water Analyzed By: Sierra Labs

Influent Benzidine and Organo-Tin

Date	Influent Benzidine (ug/L)	Influent 3,3 Dichloro Benzidine (ug/L)	Influent Tributyl (ug/L)	Influent Dibutyl (ug/L)	Influent Monbutyl (ug/L)	Influent Keptone (ug/L)
LIMITS						
12/01/07						
12/02/07						
12/03/07						
12/04/07	0.00	0.00	0.00	0.00	0.00	0.00
12/05/07						
12/06/07						
12/07/07					0.00	
12/08/07						
12/09/07						
12/10/07						
12/11/07						
12/12/07						
12/13/07					0.00	
12/14/07						
12/15/07						
12/16/07						
12/17/07						
12/18/07						
12/19/07					0.00	
12/20/07						
12/21/07						
12/22/07						
12/23/07						
12/24/07						
12/25/07					0.00	
12/26/07						
12/27/07						
12/28/07						
12/29/07						
12/30/07						
12/31/07						
Average	0.00	0.00	0.00	0.00	0.00	0.00
Maximum	0.00	0.00	0.00	0.00	0.00	0.00
Minimum	0.00	0.00	0.00	0.00	0.00	0.00

NPDES NO. CA0108928 ORDER 96-52
MONTHLY INFLUENT MONITORING REPORT
DISCHARGER: SOUTH BAY INTERNATIONAL WWTP

Report for: December 2007
 Report Frequency: Monthly Sampling Point: Influent
 Samples Collected By: Veolia Water Analyzed By: Sierra Labs

Influent Base/Neutral Compounds (EPA 625)

Date	Influent bis(2-chloro ethyl) ether LIMITS (ug/L)	Influent metadi chloro benzene (g/L)	Influent orthodi chloro benzene (g/L)	Influent paradi chloro benzene (mg/L)	Influent bis (2-chloro isopropyl) ehter (mg/L)	Influent N-nitrosodi propylamine (ug/L)	Influent Nitro Benzene (mg/L)	Influent Hexachloro Ethane (ug/L)
12/01/07								
12/02/07								
12/03/07								
12/04/07	0.000000	0.000000	0.000000	0.000000	0.000	0.000	0.000	0.000
12/05/07								
12/06/07								
12/07/07								
12/08/07								
12/09/07								
12/10/07								
12/11/07								
12/12/07								
12/13/07								
12/14/07								
12/15/07								
12/16/07								
12/17/07								
12/18/07								
12/19/07								
12/20/07								
12/21/07								
12/22/07								
12/23/07								
12/24/07								
12/25/07								
12/26/07								
12/27/07								
12/28/07								
12/29/07								
12/30/07								
12/31/07								
Average	0.000000	0.000000	0.000000	0.000000	0.000	0.000	0.000	0.000
Maximum	0.000000	0.000000	0.000000	0.000000	0.000	0.000	0.000	0.000
Minimum	0.000000	0.000000	0.000000	0.000000	0.000	0.000	0.000	0.000

NPDES NO. CA0108928 ORDER 96-52
MONTHLY INFLUENT MONITORING REPORT
DISCHARGER: SOUTH BAY INTERNATIONAL WWTP

Report for: December 2007
 Report Frequency: Monthly Sampling Point: Influent
 Samples Collected By: Veolia Water Analyzed By: Sierra Labs

Influent Base/Neutral Compounds (EPA 625)

Date	Influent iso phorone	Influent bis (2-chlor oethoxy)	Influent 1,2,4 Tri chloro benzene	Influent Naph thalene	Influent Hexachloro butadiene	Influent Hexachloro cyclopenta diene	Influent ace-naphthy lene	Influent Dimethyl phthalate
LIMITS	(g/L)	(mg/L)	(ug/L)	(ug/L)	(mg/L)	(mg/L)	(ug/L)	(g/L)
12/01/07								
12/02/07								
12/03/07								
12/04/07	0.000000	0.000	0.00	0.00	0.000	0.000	0.0	0.000000
12/05/07								
12/06/07								
12/07/07								
12/08/07								
12/09/07								
12/10/07								
12/11/07								
12/12/07								
12/13/07								
12/14/07								
12/15/07								
12/16/07								
12/17/07								
12/18/07								
12/19/07								
12/20/07								
12/21/07								
12/22/07								
12/23/07								
12/24/07								
12/25/07								
12/26/07								
12/27/07								
12/28/07								
12/29/07								
12/30/07								
12/31/07								
Average	0.000000	0.000	0.00	0.00	0.000	0.000	0.00	0.000000
Maximum	0.000000	0.000	0.00	0.00	0.000	0.000	0.00	0.000000
Minimum	0.000000	0.000	0.00	0.00	0.000	0.000	0.00	0.000000

NPDES NO. CA0108928 ORDER 96-52
MONTHLY INFLUENT MONITORING REPORT
DISCHARGER: SOUTH BAY INTERNATIONAL WWTP

Report for: December 2007
 Report Frequency: Monthly Sampling Point: Influent
 Samples Collected By: Veolia Water Analyzed By: Sierra Labs

Influent Base/Neutral Compounds (EPA 625)

Date	Influent 2,6 Dinitro toluene	Influent ace- naph thene	Influent 2,4- dinitro toluene	Influent Fluorene	Influent 4-chloro phenyl ether	Influent diethyl phthalate	Influent N-nitro diphenyl amine	Influent 4-bromo phenyl ether	Influent Hexachloro benzene
LIMITS	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(g/L)	(ug/L)	(ug/L)	(ug/L)
12/01/07									
12/02/07									
12/03/07									
12/04/07	0.00	0.00	0.00	0.00	0.00	0.000000	0.00	0.00	0.000
12/05/07									
12/06/07									
12/07/07									
12/08/07									
12/09/07									
12/10/07									
12/11/07									
12/12/07									
12/13/07									
12/14/07									
12/15/07									
12/16/07									
12/17/07									
12/18/07									
12/19/07									
12/20/07									
12/21/07									
12/22/07									
12/23/07									
12/24/07									
12/25/07									
12/26/07									
12/27/07									
12/28/07									
12/29/07									
12/30/07									
12/31/07									
Average	0.00	0.00	0.00	0.00	0.00	0.000000	0.00	0.00	0.000
Maximum	0.00	0.00	0.00	0.00	0.00	0.000000	0.00	0.00	0.000
Minimum	0.00	0.00	0.00	0.00	0.00	0.000000	0.00	0.00	0.000

NPDES NO. CA0108928
MONTHLY INFLUENT MONITORING REPORT
DISCHARGER: SOUTH BAY INTERNATIONAL WWTP

Report for: December 2007
 Report Frequency: Monthly Sampling Point: Influent
 Samples Collected By: Veolia Water Analyzed By: Sierra Labs

Influent Base/Neutral Compounds (EPA 625)

Date	Influent Phenanthrene (pah) (ug/L)	Influent anthracene (ug/L)	Influent Di-N-Butyl phthalate (mg/L)	Influent N-Nitrosodi methyl amine (mg/L)	Influent Fluoranthene (pah) (mg/L)	Influent Pyrene (pah) (ug/L)	Influent Butyl benzyl phthalate (ug/L)	Influent Chrysene (pah) (ug/L)
12/01/07								
12/02/07								
12/03/07								
12/04/07	0.000	0.000	0.000000	0.000	0.000	0.000	0.000	0.00
12/05/07								
12/06/07								
12/07/07								
12/08/07								
12/09/07								
12/10/07								
12/11/07								
12/12/07								
12/13/07								
12/14/07								
12/15/07								
12/16/07								
12/17/07								
12/18/07								
12/19/07								
12/20/07								
12/21/07								
12/22/07								
12/23/07								
12/24/07								
12/25/07								
12/26/07								
12/27/07								
12/28/07								
12/29/07								
12/30/07								
12/31/07								
Average	0.000	0.000	0.000000	0.000	0.000	0.000	0.000	0.00
Maximum	0.000	0.000	0.000000	0.000	0.000	0.000	0.000	0.00
Minimum	0.000	0.000	0.000000	0.000	0.000	0.000	0.000	0.00

NPDES NO. CA0108928 ORDER 96-52
MONTHLY INFLUENT MONITORING REPORT
DISCHARGER: SOUTH BAY INTERNATIONAL WWTP

Report for: December 2007
 Report Frequency: Monthly Sampling Point: Influent
 Samples Collected By: Veolia Water Analyzed By: Sierra Labs

Influent Base/Neutral Compounds (EPA 625)

Date	Influent Benzo(A) antracene	Influent bis (2-ethyl hexyl) Phthalate	Influent Di-n-octyl phthalate	Influent Benzo(K) Flouran thene	Influent Benzo(B) Flouran thene	Influent Benzo(A) Pyrene	Influent Indeno (1,2,3 CD) Pyrene	Influent Dibenzo (A,H) Antra cene
LIMITS	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)
12/01/07								
12/02/07								
12/03/07								
12/04/07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12/05/07								
12/06/07								
12/07/07								
12/08/07								
12/09/07								
12/10/07								
12/11/07								
12/12/07								
12/13/07								
12/14/07								
12/15/07								
12/16/07								
12/17/07								
12/18/07								
12/19/07								
12/20/07								
12/21/07								
12/22/07								
12/23/07								
12/24/07								
12/25/07								
12/26/07								
12/27/07								
12/28/07								
12/29/07								
12/30/07								
12/31/07								
Average	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Maximum	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Minimum	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

NPDES NO. CA0108928 ORDER 96-52
MONTHLY INFLUENT MONITORING REPORT
DISCHARGER: SOUTH BAY INTERNATIONAL WWTP

Report for: December 2007
 Report Frequency: Monthly
 Samples Collected By: Veolia Water Sampling Point: Influent
 Analyzed By: Sierra Labs

Influent Base/Neutral Compounds (EPA 625)

Date	Influent Benzo (G,H,I) Perylene LIMITS (ug/L)	Influent 1,2 Diphenylhydrazine (ug/L)	Influent Total PAH (ug/L)	Influent 2-chloro phenol (ug/L)	Influent 2,4 Dichloro phenol (ug/L)	Influent 4-chloro -3- methyl phenol (ug/L)	Influent 2,4,6 Tri chloro phenol (ug/L)	Influent Penta chloro phenol (ug/L)
12/01/07								
12/02/07								
12/03/07								
12/04/07	0.00	0.00	0.00	0.000	0.000	0.000	0.00	0.000
12/05/07								
12/06/07								
12/07/07				0.000	0.000	0.000	0.00	0.000
12/08/07								
12/09/07								
12/10/07								
12/11/07								
12/12/07								
12/13/07				0.000	0.000	0.000	0.00	0.000
12/14/07								
12/15/07								
12/16/07								
12/17/07								
12/18/07								
12/19/07				0.000	0.000	0.000	0.00	0.000
12/20/07								
12/21/07								
12/22/07								
12/23/07								
12/24/07								
12/25/07				0.000	0.000	0.000	0.00	0.000
12/26/07								
12/27/07								
12/28/07								
12/29/07								
12/30/07								
12/31/07								
Average	0.00	0.00	0.00	0.000	0.000	0.000	0.000	0.000
Maximum	0.00	0.00	0.00	0.000	0.000	0.000	0.000	0.000
Minimum	0.00	0.00	0.00	0.000	0.000	0.000	0.000	0.000

NPDES NO. CA0108928 ORDER 96-52
MONTHLY INFLUENT MONITORING REPORT
DISCHARGER: SOUTH BAY INTERNATIONAL WWTP

Report for: December 2007
 Report Frequency: Monthly Sampling Point: Influent
 Samples Collected By: Veolia Water Analyzed By: Sierra Labs

Influent VOCa (EPA 624)

Date	Influent Total chlorinated phenols (ug/L)	Influent Phenol (ug/L)	Influent 2-nitro phenol (ug/L)	Influent 2,4-Dimethyl phenol (ug/L)	Influent 2,4 dinitro phenol (ug/L)	Influent 4 nitro phenol (ug/L)	Influent 2-methyl -4,6-dinitro phenol (ug/L)	Influent Total Non-chlorinated phenols (ug/L)
12/01/07								
12/02/07								
12/03/07								
12/04/07	0.000	1.9	0.00	0.00	0.00	0.00	0.000	0.002
12/05/07								
12/06/07								
12/07/07	0.000	3.3	0.00	1.30	0.00	0.00	0.000	0.005
12/08/07								
12/09/07								
12/10/07								
12/11/07								
12/12/07								
12/13/07	0.000	9.5	0.00	1.20	0.00	0.00	0.000	0.011
12/14/07								
12/15/07								
12/16/07								
12/17/07								
12/18/07								
12/19/07	0.000	12.0	0.00	0.00	0.00	0.00	0.000	0.012
12/20/07								
12/21/07								
12/22/07								
12/23/07								
12/24/07								
12/25/07	0.000	19.0	0.00	0.00	0.00	0.00	0.000	0.019
12/26/07								
12/27/07								
12/28/07								
12/29/07								
12/30/07								
12/31/07								
Average	0.000	9.14	0.00	0.50	0.00	0.00	0.000	0.010
Maximum	0.000	19.00	0.00	1.30	0.00	0.00	0.000	0.019
Minimum	0.000	1.90	0.00	0.00	0.00	0.00	0.000	0.002

NPDES NO. CA0108928 ORDER 96-52
MONTHLY INFLUENT MONITORING REPORT
DISCHARGER: SOUTH BAY INTERNATIONAL WWTP

Report for: Decembe 2007
 Report Frequency: Monthly Sampling Point: Influent
 Samples Collected By: Veolia Water Analyzed By: Sierra Labs

Influent VOCa (EPA 624)

Date	Influent Chloro Methane (mg/L)	Influent bromo methane (mg/L)	Influent Vinyl Chloride (mg/L)	Influent Chloro Ethane (ug/L)	Influent 1,1 dichloro Ethene (g/L)	Influent Trichloro Flouro Methane (ug/L)	Influent Methlyene chloride (mg/L)	Influent 1,1 Dichloro ethane (ug/L)	Influent Trans- 1,2 Dichloro ethene (ug/L)
12/01/07									
12/02/07									
12/03/07									
12/04/07	0.000	0.000	0.000	0.0	0.000000	0.0	0.0000	0.0	0.00
12/05/07									
12/06/07									
12/07/07									
12/08/07									
12/09/07									
12/10/07									
12/11/07									
12/12/07									
12/13/07									
12/14/07									
12/15/07									
12/16/07									
12/17/07									
12/18/07									
12/19/07									
12/20/07									
12/21/07									
12/22/07									
12/23/07									
12/24/07									
12/25/07									
12/26/07									
12/27/07									
12/28/07									
12/29/07									
12/30/07									
12/31/07									
Average	0.000	0.000	0.000	0.0	0.000000	0.0	0.0000	0.0000	0.00
Maximum	0.000	0.000	0.000	0.0	0.000000	0.0	0.0000	0.0000	0.00
Minimum	0.000	0.000	0.000	0.0	0.000000	0.0	0.0000	0.0000	0.00

NPDES NO. CA0108928 ORDER 96-52
MONTHLY INFLUENT MONITORING REPORT
DISCHARGER: SOUTH BAY INTERNATIONAL WWTP

Report for: December 2007
 Report Frequency: Monthly Sampling Point: Influent
 Samples Collected By: Veolia Water Analyzed By: Sierra Labs

Influent VOCa (EPA 624)

Date	Influent Chloroform	Influent 1,2 Dichloro ethane	Influent 1,1,1 Trichloro ethane	Influent Carbon	Influent DCBM	Influent 1,2 Di chloro propane	Influent Trans- 1,3 Dichloro propene	Influent Trichloro ethene	Influent Benzene
	(mg/L)	(mg/L)	(g/L)	(ug/L)	(mg/L)	(ug/L)	(mg/L)	(mg/L)	(mg/L)
12/01/07									
12/02/07									
12/03/07									
12/04/07	0.0072	0.000	0.000000	0.00	0.0021	0.000	0.000	0.0000	0.000
12/05/07									
12/06/07									
12/07/07									
12/08/07									
12/09/07									
12/10/07									
12/11/07									
12/12/07									
12/13/07									
12/14/07									
12/15/07									
12/16/07									
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12/20/07									
12/21/07									
12/22/07									
12/23/07									
12/24/07									
12/25/07									
12/26/07									
12/27/07									
12/28/07									
12/29/07									
12/30/07									
12/31/07									
Average	0.0072	0.000	0.000000	0.00	0.0021	0.000	0.000	0.0000	0.000
Maximum	0.0072	0.000	0.000000	0.00	0.0021	0.000	0.000	0.0000	0.000
Minimum	0.0072	0.000	0.000000	0.00	0.0021	0.000	0.000	0.0000	0.000

NPDES NO. CA0108928 ORDER 96-52
MONTHLY INFLUENT MONITORING REPORT
DISCHARGER: SOUTH BAY INTERNATIONAL WWTP

Report for: December 2007
 Report Frequency: Monthly Sampling Point: Influent
 Samples Collected By: Veolia Water Analyzed By: Sierra Labs

Influent VOCa (EPA 624)

Date	Influent Dibromo chloro methane (ug/L)	Influent 1,1,2 Trichloro ethane (g/L)	Influent cis-1,3 Dichloro propene (ug/L)	Influent 2-Chloro ethyl vinyl ether (ug/L)	Influent Bromoform (mg/L)	Influent 1,1,2,2-tetrachlor oethene (mg/L)	Influent Tetrachloroethene (mg/L)	Influent Toluene (g/L)	Influent Chloro Benzene (mg/L)
12/01/07									
12/02/07									
12/03/07									
12/04/07	3.3000	0.000000	0.000	0.000	0.000	0.000	0.000000	0.000007	0.000000
12/05/07									
12/06/07									
12/07/07									
12/08/07									
12/09/07									
12/10/07									
12/11/07									
12/12/07									
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12/25/07									
12/26/07									
12/27/07									
12/28/07									
12/29/07									
12/30/07									
12/31/07									
Average	3.3000	0.000000	0.000	0.000	0.000	0.000	0.000000	0.000007	0.000000
Maximum	3.3000	0.000000	0.000	0.000	0.000	0.000	0.000000	0.000007	0.000000
Minimum	3.3000	0.000000	0.000	0.000	0.000	0.000	0.000000	0.000007	0.000000

NPDES NO. CA0108928 ORDER 96-52
MONTHLY INFLUENT MONITORING REPORT
DISCHARGER: SOUTH BAY INTERNATIONAL WWTP

Report for: December 2007
 Report Frequency: Monthly Sampling Point: Influent
 Samples Collected By: Veolia Water Analyzed By: Sierra Labs

Influent VOCa (EPA 624)

Date	Influent Ethyl benzine (mg/L)	Influent 2- Butanone (ug/L)	Influent Carbon Disulfide (mg/L)	Influent Total Halo methanes (ug/L)	Influent Acrylo nitrile (ug/L)	Influent Acrylo nitrile (lbs/Day)	Influent Acrolien (ug/L)	Influent Acrolien (lbs/Day)
12/01/07								
12/02/07								
12/03/07								
12/04/07	0.000	0.000	0.000	0.007	0.000	0.000	0.000	0.000
12/05/07								
12/06/07								
12/07/07								
12/08/07								
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12/25/07								
12/26/07								
12/27/07								
12/28/07								
12/29/07								
12/30/07								
12/31/07								
Average	0.000	0.000	0.000	0.007	0.000	0.000	0.000	0.000
Maximum	0.000	0.000	0.000	0.007	0.000	0.000	0.000	0.000
Minimum	0.000	0.000	0.000	0.007	0.000	0.000	0.000	0.000

NPDES NO. CA0108928 ORDER 96-52
MONTHLY INFLUENT MONITORING REPORT
DISCHARGER: SOUTH BAY INTERNATIONAL WWTP

Report for: December 2007
 Report Frequency: Monthly Sampling Point: Influent
 Samples Collected By: Veolia Water Analyzed By: Sierra Labs

Influent TCDD Equivalents

Date	Influent 2,3,7,8 tetra CDD (ng/L)	Influent 1,2,3,7,8 Penta CDD (ng/L)	Influent 1,2,3,4,7,8 Hexa CDD (ng/L)	Influent 1,2,3,6,7,8 Hexa CDD (ng/L)	Influent 1,2,3,7,8,9 Hepta CDD (ng/L)	Influent 1,2,3,4,6,7,8 Octa CDD (ng/L)	Influent 2,3,7,8 Tetra CDF (ng/L)	Influent 2,3,7,8 Penta CDF (ng/L)
12/01/07								
12/02/07								
12/03/07								
12/04/07	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
12/05/07								
12/06/07								
12/07/07								
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12/25/07								
12/26/07								
12/27/07								
12/28/07								
12/29/07								
12/30/07								
12/31/07								
Average	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Maximum	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Minimum	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

NPDES NO. CA0108928 ORDER 96-52
MONTHLY INFLUENT MONITORING REPORT
DISCHARGER: SOUTH BAY INTERNATIONAL WWTP

Report for: December 2007
 Report Frequency: Monthly Sampling Point: Influent
 Samples Collected By: Veolia Water Analyzed By: Sierra Labs

Influent TCDD Equivalents

Date	Influent 2,3,6,7,8- Penta CDF (ng/L)	Influent 1,2,3,4,7,8- hexa CDF (ng/L)	Influent 1,2,3,6,7,8 hexa CDF (ng/L)	Influent 1,2,3,7,8,9 hexa CDF (ng/L)	Influent 2,3,4,6, 7,8-hexa CDF (ng/L)	Influent 1,2,3,4,6,7,8 hepta CDF (ng/L)	Influent 1,2,3,4,7,8 9- hepta CDF (ng/L)	Influent Octa CDF (ng/L)	Influent TOTAL TCDD (ng/L)	Influent TOTAL TCDD (ng/L)	Influent (lbs/d)
12/01/07											
12/02/07											
12/03/07											
12/04/07	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.00	0.00000000	
12/05/07											
12/06/07											
12/07/07											
12/08/07											
12/09/07											
12/10/07											
12/11/07											
12/12/07											
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12/25/07											
12/26/07											
12/27/07											
12/28/07											
12/29/07											
12/30/07											
12/31/07											
Average	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.00000000	
Maximum	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.00000000	
Minimum	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.00000000	

NPDES NO. CA0108928 ORDER 96-52
MONTHLY EFFLUENT MONITORING REPORT
DISCHARGER: SOUTH BAY INTERNATIONAL WWTP

Report for: December 2007
 Report Frequency: Monthly Sampling Point: Effluent
 Samples Collected By: Veolia Water Analyzed By: Sierra Labs

Flows and Grab Samples

Date	Effluent Flow (MGD)	Effluent	Effluent	PE	PEEC/FEB	Effluent	7 Day Avg
		Flow MGD	Flow MGD	Emergency Flow MGD	Effluent Flow MGD	Settleable Solids ml/L	Effluent Settleable Solids ml/L
LIMITS							
12/01/07	23.33	24.18	24.28	0.00	0.00	0.10	0.10
12/02/07	19.47	23.78	24.08	0.00	0.00	0.10	0.10
12/03/07	19.81	23.22	23.85	0.00	0.00	0.10	0.10
12/04/07	24.11	23.39	23.76	0.00	0.00	0.10	0.10
12/05/07	28.99	24.27	23.89	0.00	0.00	0.10	0.10
12/06/07	25.21	24.41	23.90	0.00	0.00	0.10	0.10
12/07/07	26.64	23.94	23.95	0.00	0.00	0.10	0.10
12/08/07	28.16	24.63	24.13	0.00	0.00	0.10	0.10
12/09/07	20.27	24.74	24.05	0.00	0.00	0.10	0.10
12/10/07	21.77	25.02	23.89	0.00	0.00	0.10	0.10
12/11/07	21.29	24.62	23.73	0.00	0.00	0.10	0.10
12/12/07	21.83	23.60	23.56	0.00	0.00	0.10	0.10
12/13/07	24.99	23.56	23.52	0.00	0.00	0.10	0.10
12/14/07	26.64	23.56	23.55	0.00	0.00	0.10	0.10
12/15/07	29.05	23.69	23.72	0.00	0.00	0.10	0.10
12/16/07	27.52	24.73	23.88	0.00	0.00	0.10	0.10
12/17/07	26.14	25.35	23.97	0.00	0.00	0.10	0.10
12/18/07	25.83	26.00	24.13	0.00	0.00	0.10	0.10
12/19/07	23.64	26.26	24.11	0.00	0.00	0.10	0.10
12/20/07	25.34	26.31	24.24	0.00	0.00	0.10	0.10
12/21/07	27.72	26.46	24.42	0.00	0.00	0.10	0.10
12/22/07	26.06	26.04	24.53	0.00	0.00	0.10	0.10
12/23/07	23.97	25.53	24.60	0.00	0.00	0.10	0.10
12/24/07	26.08	25.52	24.66	0.00	0.00	0.10	0.10
12/25/07	22.07	24.98	24.65	0.00	0.00	0.10	0.10
12/26/07	25.21	25.21	24.70	0.00	0.00	0.10	0.10
12/27/07	26.15	25.32	24.81	0.00	0.00	0.10	0.10
12/28/07	25.66	25.03	24.90	0.00	0.00	0.10	0.10
12/29/07	23.46	24.66	24.88	0.00	0.00	0.10	0.10
12/30/07	23.50	24.59	24.66	0.00	0.00	0.10	0.10
12/31/07	26.48	24.65	24.77	0.00	0.00	0.10	0.10
Average	24.72	24.75	24.19	0.00	0.00	0.10	0.10
Maximum	29.05	26.46	24.90	0.00	0.00	0.10	0.10
Minimum	19.47	23.22	23.52	0.00	0.00	0.10	0.10

NPDES NO. CA0108928 ORDER 96-52
MONTHLY EFFLUENT MONITORING REPORT
DISCHARGER: SOUTH BAY INTERNATIONAL WWTP

Report for:	December 2007	Sampling Point:	Effluent
Report Frequency:	Monthly	Analyzed By:	Sierra Labs
Samples Collected By:	Veolia Water		

Effluent Oil and Grease

Date	Effluent	Effluent	Effluent	Effluent	Effluent	Effluent	Effluent	Effluent
	pH	Temperature	Oil & Grease (mg/L)	Oil & Grease (lbs/Day)	7 Day Oil & Grease (mg/L)	7 Day Oil & Grease (lbs/Day)	30 Day Oil & 30 Day Oil & Grease (mg/L)	Grease (lbs/Day)
LIMITS	SU 6.0-9.0	C	75.0	16,000	40	8300	25	5200
12/01/07	7.4	19.0	11.3	2,199	9.2	1,869	10.3	2,099
12/02/07	7.3	22.0	8.9	1,445	9.4	1,866	10.2	2,070
12/03/07	7.4	19.0	8.2	1,355	9.2	1,794	10.1	2,023
12/04/07	7.4	18.0	9.8	1,971	9.3	1,835	10.0	2,009
12/05/07	7.4	16.8	9.1	2,200	9.4	1,920	10.0	1,999
12/06/07	7.3	17.5	10.8	2,271	9.8	2,005	9.9	1,995
12/07/07	7.4	18.0	8.4	1,866	9.5	1,901	9.7	1,959
12/08/07	7.4	18.8	9.0	2,114	9.2	1,889	9.7	1,965
12/09/07	7.4	15.0	10.2	1,724	9.4	1,929	9.7	1,958
12/10/07	7.4	18.0	8.9	1,616	9.5	1,966	9.6	1,924
12/11/07	7.5	18.5	8.6	1,527	9.3	1,903	9.4	1,879
12/12/07	7.4	20.0	10.8	1,966	9.5	1,869	9.4	1,849
12/13/07	7.2	18.5	11.3	2,355	9.6	1,881	9.3	1,838
12/14/07	7.2	14.0	9.3	2,066	9.7	1,910	9.3	1,833
12/15/07	7.3	14.5	10.5	2,544	9.9	1,971	9.3	1,838
12/16/07	7.2	16.0	11.6	2,662	10.1	2,105	9.3	1,870
12/17/07	7.3	14.0	10.8	2,354	10.4	2,211	9.4	1,882
12/18/07	7.5	15.0	12.0	2,585	10.9	2,362	9.5	1,918
12/19/07	7.4	17.0	9.9	1,952	10.8	2,360	9.4	1,906
12/20/07	7.0	17.5	10.4	2,198	10.6	2,337	9.4	1,919
12/21/07	7.1	18.0	10.8	2,497	10.9	2,399	9.4	1,930
12/22/07	7.2	14.0	8.6	1,869	10.6	2,303	9.5	1,956
12/23/07	7.2	15.0	9.7	1,939	10.3	2,199	9.6	1,984
12/24/07	7.2	16.0	8.1	1,762	9.9	2,115	9.7	1,997
12/25/07	7.3	15.0	9.5	1,749	9.6	1,995	9.7	2,007
12/26/07	7.2	14.5	11.0	2,313	9.7	2,047	9.8	2,022
12/27/07	7.3	13.5	8.9	1,941	9.5	2,010	9.8	2,030
12/28/07	7.3	13.5	10.3	2,204	9.4	1,968	9.8	2,051
12/29/07	7.2	13.8	8.1	1,585	9.4	1,927	9.8	2,048
12/30/07	7.1	13.5	9.5	1,862	9.3	1,916	9.8	2,023
12/31/07	7.2	15.5	11.7	2,584	9.9	2,034	9.8	2,036
Average	7.29	16.4	9.87	2,041.13	9.78	2,025.68	9.66	1,961.84
Maximum	7.50	22.0	12.00	2,662.39	10.90	2,398.91	10.28	2,098.55
Minimum	7.00	13.5	8.10	1,354.77	9.17	1,793.89	9.26	1,833.09

NPDES NO. CA0108928 ORDER 96-52
MONTHLY EFFLUENT MONITORING REPORT
DISCHARGER: SOUTH BAY INTERNATIONAL WWTP

Report for: December 2007
 Report Frequency: Monthly Sampling Point: Effluent
 Samples Collected By: Veolia Water Analyzed By: Sierra Labs

Effluent Composite Samples

Date	Effluent	Effluent	Effluent	Effluent	Effluent	Effluent	Effluent	Effluent
	TSS	TSS	TSS 7Day	TSS 7Day	TSS 30 Day	TSS 30 Day	VSS	BOD
LIMITS	(mg/L)	(lbs/Day)	Average (mg/L)	Average (lbs/Day)	(mg/L)	(lbs/Day)	(mg/L)	(mg/L)
	50	10,000	45	9,400	30	6,300		
12/01/07	55.0	10,701	44.0	8,941	50	10,075	42.0	104.0
12/02/07	67.0	10,879	48.3	9,514	50	10,048	55.0	98.0
12/03/07	51.0	8,426	50.3	9,673	50	9,928	37.0	92.0
12/04/07	55.0	11,059	53.9	10,432	49	9,787	39.0	108.0
12/05/07	58.0	14,023	56.9	11,429	50	9,884	44.0	103.0
12/06/07	48.0	10,092	54.6	11,024	49	9,765	33.0	98.0
12/07/07	67.0	14,886	57.3	11,438	49	9,856	54.0	108.0
12/08/07	61.0	14,326	58.1	11,956	49	9,914	47.0	102.0
12/09/07	59.0	9,974	57.0	11,827	49	9,926	47.0	109.0
12/10/07	71.0	12,891	59.9	12,464	50	10,028	56.0	99.0
12/11/07	59.0	10,476	60.4	12,381	50	9,952	45.0	100.0
12/12/07	61.0	11,106	60.9	11,964	51	9,954	46.0	112.0
12/13/07	48.0	10,004	60.9	11,952	50	9,788	36.0	105.0
12/14/07	47.0	10,442	58.0	11,317	50	9,740	35.0	97.0
12/15/07	52.0	12,598	56.7	11,070	50	9,886	39.0	96.0
12/16/07	58.0	13,312	56.6	11,547	51	10,067	47.0	94.0
12/17/07	66.0	14,389	55.9	11,761	51	10,232	51.0	101.0
12/18/07	64.0	13,787	56.6	12,234	51	10,328	51.0	110.0
12/19/07	58.0	11,435	56.1	12,281	51	10,352	44.0	100.0
12/20/07	33.0	6,974	54.0	11,848	50	10,180	9.0	106.0
12/21/07	34.0	7,860	52.1	11,479	50	10,171	5.0	91.0
12/22/07	41.0	8,911	50.6	10,953	51	10,341	11.0	107.0
12/23/07	44.0	8,796	48.6	10,307	51	10,476	12.0	103.0
12/24/07	45.0	9,788	45.6	9,650	52	10,634	14.0	102.0
12/25/07	67.0	12,332	46.0	9,442	53	10,816	21.0	96.0
12/26/07	41.0	8,620	43.6	9,040	53	10,860	8.0	106.0
12/27/07	48.0	10,468	45.7	9,539	54	11,017	10.0	94.0
12/28/07	61.0	13,054	49.6	10,281	54	11,218	51.0	91.0
12/29/07	45.0	8,805	50.1	10,266	54	11,080	10.0	105.0
12/30/07	38.0	7,448	49.3	10,074	53	10,929	10.0	96.0
12/31/07	45.0	9,938	49.3	10,095	53	10,903	23.0	91.0
Average	53.13	10,896.77	53.13	10,909.00	50.90	10,262.42	33.29	100.77
Maximum	71.00	14,885.90	60.86	12,464.48	54.37	11,217.50	56.00	112.00
Minimum	33.00	6,974.07	43.57	8,940.85	48.90	9,739.83	5.00	91.00

NPDES NO. CA0108928 ORDER 96-52
MONTHLY EFFLUENT MONITORING REPORT
DISCHARGER: SOUTH BAY INTERNATIONAL WWTP

Report for: December 2007
 Report Frequency: Monthly Sampling Point: Effluent
 Samples Collected By: Veolia Water Analyzed By: Sierra Labs

Effluent Composite Samples

Date	Effluent Soluable BOD (mg/L)	Effluent CBOD (mg/L)	Effluent CBOD (lbs/Day)	Effluent CBOD 7D Av (mg/L)	Effluent CBOD 7D Av (lbs/Day)	Effluent CBOD 30 D Av (mg/L)	Effluent CBOD 30 D Av (lbs/Day)	Effluent Floatables (mg/L)
LIMITS	45	9,400	40	8,300	25	5,200		
12/01/07	68.0	82	15,955	77	15,656	83	16,912	0.1
12/02/07	72.0	87	14,127	80	15,818	83	16,761	0.1
12/03/07	65.0	80	13,217	79	15,279	83	16,503	0.1
12/04/07	68.0	86	17,293	82	15,943	83	16,370	0.1
12/05/07	72.0	88	21,276	84	17,024	83	16,479	0.1
12/06/07	71.0	79	16,610	83	16,886	83	16,480	0.1
12/07/07	74.0	89	19,774	84	16,893	83	16,559	0.1
12/08/07	74.0	88	20,667	85	17,566	83	16,638	0.1
12/09/07	74.0	89	15,046	86	17,698	82	16,530	0.1
12/10/07	75.0	82	14,888	86	17,936	82	16,385	0.1
12/11/07	75.0	87	15,448	86	17,673	82	16,252	0.1
12/12/07	82.0	101	18,388	88	17,260	83	16,301	0.1
12/13/07	70.0	89	18,549	89	17,537	83	16,189	0.1
12/14/07	65.0	84	18,663	89	17,378	83	16,249	0.1
12/15/07	64.0	80	19,382	87	17,195	83	16,334	0.1
12/16/07	66.0	81	18,591	86	17,701	82	16,403	0.1
12/17/07	71.0	93	20,275	88	18,471	83	16,554	0.1
12/18/07	80.0	94	20,250	89	19,157	83	16,767	0.1
12/19/07	70.0	82	16,167	86	18,839	83	16,712	0.1
12/20/07	68.0	88	18,598	86	18,846	83	16,779	0.1
12/21/07	61.0	72	16,645	84	18,558	82	16,774	0.1
12/22/07	61.0	85	18,474	85	18,428	83	17,007	0.1
12/23/07	62.0	80	15,993	85	18,057	83	17,103	0.1
12/24/07	65.0	83	18,053	83	17,740	84	17,199	0.1
12/25/07	65.0	82	15,093	82	17,003	84	17,269	0.1
12/26/07	68.0	82	17,241	82	17,157	84	17,277	0.1
12/27/07	66.0	82	17,883	81	17,055	84	17,452	0.1
12/28/07	62.0	79	16,906	82	17,092	85	17,558	0.1
12/29/07	70.0	84	16,435	82	16,801	85	17,520	0.1
12/30/07	72.0	81	15,875	82	16,784	85	17,392	0.1
12/31/07	67.0	80	17,667	81	16,729	85	17,449	0.1
Average	69.13	84.48	17,400.94	84.16	17,360.00	83.23	16,779.26	0.10
Maximum	82.00	101.00	21,276.34	89.29	19,156.81	84.67	17,558.37	0.10
Minimum	61.00	72.00	13,217.23	77.43	15,278.80	82.03	16,189.21	0.10

NPDES NO. CA0108928 ORDER 96-52
MONTHLY EFFLUENT MONITORING REPORT
DISCHARGER: SOUTH BAY INTERNATIONAL WWTP

Report for: December 2007
 Report Frequency: Monthly Sampling Point: Effluent
 Samples Collected By: Veolia Water Analyzed By: Sierra Labs

Effluent Composite Samples

Date	Effluent TDS (mg/L)	Effluent Turbidity (NTU)	Effluent Turbidity 7 Day AVG (NTU)	Effluent Turbidity 30-Day (NTU)	Effluent COD (mg/L)	Effluent Total Solids (mg/L)	Effluent Volatile Solids (mg/L)
LIMITS							
12/01/07	1,590	44.00	40.9	37.2			
12/02/07	1,550	48.60	41.7	38.0			
12/03/07	1,650	32.80	43.4	38.1			
12/04/07	1,610	42.40	45.7	38.6	304	2,240	1,170
12/05/07	1,580	46.00	44.3	38.8			
12/06/07	1,590	40.20	42.7	38.5			
12/07/07	1,570	42.10	42.3	38.5	298	2,300	1,340
12/08/07	1,610	41.00	41.9	38.2			
12/09/07	1,580	45.80	41.5	38.6			
12/10/07	1,580	53.90	44.5	39.3			
12/11/07	1,570	42.00	44.4	39.0			
12/12/07	1,610	44.80	44.3	39.0			
12/13/07	1,600	44.80	44.9	39.0	309	2,090	1,110
12/14/07	1,870	41.70	44.9	39.0			
12/15/07	1,950	46.00	45.6	39.5			
12/16/07	1,980	40.50	44.8	39.6			
12/17/07	1,950	51.20	44.4	40.3			
12/18/07	1,590	50.00	45.6	41.0			
12/19/07	1,590	42.90	45.3	41.2	381	2,280	1,340
12/20/07	1,760	52.10	46.3	41.5			
12/21/07	1,770	27.00	44.2	40.8			
12/22/07	1,860	22.80	40.9	41.0			
12/23/07	1,700	32.10	39.7	41.4			
12/24/07	1,650	30.90	36.8	41.6			
12/25/07	1,540	33.10	34.4	41.3	327	2,170	1,270
12/26/07	1,590	34.00	33.1	41.7			
12/27/07	1,580	34.30	30.6	42.0			
12/28/07	1,580	52.50	34.2	41.9			
12/29/07	1,600	22.80	34.2	40.9			
12/30/07	1,650	27.00	33.5	40.3			
12/31/07	1,580	26.20	32.8	39.7			
Average	1,660.65	39.85	41.09	39.85	323.80	2,216.00	1,246.00
Maximum	1,980.00	53.90	46.34	41.98	381.00	2,300.00	1,340.00
Minimum	1,540.00	22.80	30.60	37.17	298.00	2,090.00	1,110.00

NPDES NO. CA0108928 ORDER 96-52
MONTHLY EFFLUENT MONITORING REPORT
DISCHARGER: SOUTH BAY INTERNATIONAL WWTP

Report for: December 2007
 Report Frequency: Monthly Sampling Point: Effluent
 Samples Collected By: Veolia Water Analyzed By: Sierra Labs

Effluent Composite Samples

Date	Effluent Water Flea Toxicity (TUa)	Effluent 7 Day Water Flea Toxicity (TUa)	Effluent 30 Day Water Flea Toxicity (TUa)	Effluent Red Abalone (TUC) 100	Effluent Topsmelt Survival (TUC)	Effluent Survival Growth (TUC)	Effluent Total Coliform (mpn/100ml)
LIMITS	2.5	2.0	1.5	100			
12/01/07		4.5	4.5				
12/02/07		4.5	4.5				
12/03/07		4.5	4.5				
12/04/07		4.5	4.5				39,000
12/05/07		3.9	4.7				
12/06/07		3.9	4.7				
12/07/07	4.5	4.5	4.6	50.0			
12/08/07		4.5	4.6				
12/09/07		4.5	4.6				
12/10/07		4.5	4.6				
12/11/07		4.5	4.6				
12/12/07		4.5	4.6				
12/13/07	5.3	4.9	4.4	50.0			
12/14/07		5.3	4.4				
12/15/07		5.3	4.4				
12/16/07		5.3	4.4				
12/17/07		5.3	4.4				
12/18/07		5.3	4.4				
12/19/07	2.9	4.1	4.2	100.0			
12/20/07		2.9	4.2				
12/21/07		2.9	4.2				
12/22/07		2.9	4.2				
12/23/07		2.9	4.2				
12/24/07		2.9	4.2				
12/25/07		2.9	4.2				
12/26/07		2.9	4.2				
12/27/07	2.7	2.7	3.9	50.0			
12/28/07		2.7	3.9				
12/29/07		2.7	3.9				
12/30/07		2.7	3.9				
12/31/07		2.7	3.9				
Average	3.85	3.94	4.34	62.50			39,000.00
Maximum	5.30	5.30	4.67	100.00			39,000.00
Minimum	2.70	2.70	3.85	50.00			39,000.00

NPDES NO. CA0108928 ORDER 96-52
MONTHLY EFFLUENT MONITORING REPORT
DISCHARGER: SOUTH BAY INTERNATIONAL WWTP

Report for: December 2007
 Report Frequency: Monthly Sampling Point: Effluent
 Samples Collected By: Veolia Water Analyzed By: Sierra Labs

Effluent Metals

Date	Effluent Antimony (mg/L)	Effluent Antimony Pounds/ Day	Effluent Arsenic (mg/L)	Effluent Arsenic Pounds/ Day	Effluent Beryllium (ug/L)	Effluent Beryllium Pounds/ Day	Effluent Cadmium (mg/L)	Effluent Cadmium Pounds/ Day
LIMITS	120	25,000	2.9	600	3.3	.7	.4	83
12/01/07								
12/02/07								
12/03/07								
12/04/07	0.000	0.000	0.000	0.000	0.000	0.000	0.00	0.00
12/05/07								
12/06/07								
12/07/07	0.000	0.000	0.000	0.000	0.000	0.000	0.00	0.00
12/08/07								
12/09/07								
12/10/07								
12/11/07								
12/12/07								
12/13/07	0.000	0.000	0.000	0.000	0.000	0.000	0.00	0.00
12/14/07								
12/15/07								
12/16/07								
12/17/07								
12/18/07								
12/19/07	0.000	0.000	0.000	0.000	0.000	0.000	0.00	0.00
12/20/07								
12/21/07								
12/22/07								
12/23/07								
12/24/07								
12/25/07	0.000	0.000	0.000	0.000	0.000	0.000	0.00	0.00
12/26/07								
12/27/07								
12/28/07								
12/29/07								
12/30/07								
12/31/07								
Average	0.000	0.000	0.000	0.000	0.000	0.000	0.00	0.00
Maximum	0.000	0.000	0.000	0.000	0.000	0.000	0.00	0.00
Minimum	0.000	0.000	0.000	0.000	0.000	0.000	0.00	0.00

NPDES NO. CA0108928 ORDER 96-52
MONTHLY EFFLUENT MONITORING REPORT
DISCHARGER: SOUTH BAY INTERNATIONAL WWTP

Report for: December 2007
 Report Frequency: Monthly Sampling Point: Effluent
 Samples Collected By: Veolia Water Analyzed By: Sierra Labs

Effluent Metals

Date	Effluent Total Chromium (mg/L)	Effluent Chromium Pounds/ Day	Effluent Copper (mg/L)	Effluent Copper Pounds/ Day	Effluent Iron (mg/L)	Effluent Lead (mg/L)	Effluent Lead Pounds/ Day
LIMITS	.81	170	1	210		.81	170
12/01/07							
12/02/07							
12/03/07							
12/04/07	0.0000	0.0000	0.018	3.66	1.32	0.000	0.00
12/05/07							
12/06/07							
12/07/07	0.0095	2.1247	0.041	9.16	3.35	0.000	0.00
12/08/07							
12/09/07							
12/10/07							
12/11/07							
12/12/07							
12/13/07	0.0000	0.0000	0.016	3.37	1.41	0.000	0.00
12/14/07							
12/15/07							
12/16/07							
12/17/07							
12/18/07							
12/19/07	0.0000	0.0000	0.031	6.32	1.04	0.000	0.00
12/20/07							
12/21/07							
12/22/07							
12/23/07							
12/24/07							
12/25/07	0.0000	0.0000	0.043	8.07	4.96	0.000	0.00
12/26/07							
12/27/07							
12/28/07							
12/29/07							
12/30/07							
12/31/07							
Average	0.0019	0.4249	0.030	6.12	2.42	0.000	0.00
Maximum	0.0095	2.1247	0.043	9.16	4.96	0.000	0.00
Minimum	0.0000	0.0000	0.016	3.37	1.04	0.000	0.00

NPDES NO. CA0108928 ORDER 96-52
MONTHLY EFFLUENT MONITORING REPORT
DISCHARGER: SOUTH BAY INTERNATIONAL WWTP

Report for: December 2007
 Report Frequency: Monthly Sampling Point: Effluent
 Samples Collected By: Veolia Water Analyzed By: Sierra Labs

Effluent Metals

Date	Effluent Mercury (ug/L)	Effluent Mercury Pounds/ Day	Effluent Nickel (mg/L)	Effluent Nickel Pounds/ Day	Effluent Selenium (mg/L)	Effluent Selenium Pounds/ Day	Effluent Silver (mg/L)	Effluent Silver Pounds/ Day
LIMITS	16	3.3	2	420	6.1	1300	.27	56
12/01/07								
12/02/07								
12/03/07								
12/04/07	0.00000	0.00000	0.039	7.88	0.000	0.00	0.000	0.00
12/05/07								
12/06/07								
12/07/07	0.00000	0.00000	0.033	7.32	0.000	0.00	0.000	0.00
12/08/07								
12/09/07								
12/10/07								
12/11/07								
12/12/07								
12/13/07	0.00000	0.00000	0.029	6.25	0.000	0.00	0.000	0.00
12/14/07								
12/15/07								
12/16/07								
12/17/07								
12/18/07								
12/19/07	0.00000	0.00000	0.026	5.24	0.000	0.00	0.000	0.00
12/20/07								
12/21/07								
12/22/07								
12/23/07								
12/24/07								
12/25/07	0.00000	0.00000	0.014	2.59	0.000	0.00	0.000	0.00
12/26/07								
12/27/07								
12/28/07								
12/29/07								
12/30/07								
12/31/07								
Average	0.00000	0.00000	0.028	5.86	0.000	0.00	0.000	0.000
Maximum	0.00000	0.00000	0.039	7.88	0.000	0.00	0.000	0.000
Minimum	0.00000	0.00000	0.014	2.59	0.000	0.00	0.000	0.000

NPDES NO. CA0108928 ORDER 96-52
MONTHLY EFFLUENT MONITORING REPORT
DISCHARGER: SOUTH BAY INTERNATIONAL WWTP

Report for: December 2007
 Report Frequency: Monthly Sampling Point: Effluent
 Samples Collected By: Veolia Water Analyzed By: Sierra Labs

Effluent Metals

Date	Effluent Thalium (mg/L)	Effluent Thalium Pounds/ Day	Effluent Zinc (mg/L)	Effluent Zinc Pounds/ Day
LIMITS	1.4	290	7.3	1500
12/01/07				
12/02/07				
12/03/07				
12/04/07	0.0000	0.0000	0.068	13.97
12/05/07				
12/06/07				
12/07/07	0.0000	0.0000	0.076	17.02
12/08/07				
12/09/07				
12/10/07				
12/11/07				
12/12/07				
12/13/07	0.0000	0.0000	0.000	0.00
12/14/07				
12/15/07				
12/16/07				
12/17/07				
12/18/07				
12/19/07	0.0000	0.0000	0.031	6.19
12/20/07				
12/21/07				
12/22/07				
12/23/07				
12/24/07				
12/25/07	0.0000	0.0000	0.078	14.80
12/26/07				
12/27/07				
12/28/07				
12/29/07				
12/30/07				
12/31/07				
Average	0.0000	0.0000	0.051	10.40
Maximum	0.0000	0.0000	0.078	17.02
Minimum	0.0000	0.0000	0.000	0.00

NPDES NO. CA0108928 ORDER 96-52
MONTHLY EFFLUENT MONITORING REPORT
DISCHARGER: SOUTH BAY INTERNATIONAL WWTP

Report for: December 2007
 Report Frequency: Monthly Sampling Point: Effluent
 Samples Collected By: Veolia Water Analyzed By: Sierra Labs

Effluent Cyanide and Radiation

Date	Effluent Cyanide (mg/L)	Effluent Cyanide Pounds/ Day	Effluent Alpha Radiation (pc/L)	Effluent Beta Radiation (pc/L)	Effluent Total Chlorine (mg/L)	Effluent Total Chloine lbs/Day	Effluent Ammonia-N (mg/L)	Effluent Ammonia-N lbs/Day
LIMITS								
12/01/07					0.10	19.37		
12/02/07					0.10	16.25		
12/03/07					0.10	16.55		
12/04/07	0.02	4.08	3.14+/-2.20	23.7+/-6.04	0.10	20.42	50.0	10,212.3
12/05/07					0.10	24.56		
12/06/07					0.10	21.00		
12/07/07	0.02	4.49			0.10	22.46	52.5	11,791.3
12/08/07					0.10	24.33		
12/09/07					0.10	17.20		
12/10/07					0.10	18.61		
12/11/07					0.10	18.06		
12/12/07					0.10	18.61		
12/13/07	0.02	4.30			0.10	21.48	51.2	10,999.7
12/14/07					0.10	23.01		
12/15/07					0.10	25.01		
12/16/07					0.10	23.63		
12/17/07					0.10	22.41		
12/18/07					0.10	22.13		
12/19/07	0.02	4.05			0.10	20.24	50.0	10,120.6
12/20/07					0.10	21.78		
12/21/07					0.10	23.94		
12/22/07					0.10	22.40		
12/23/07					0.10	20.48		
12/24/07					0.10	22.51		
12/25/07	0.02	3.78			0.10	18.91	48.1	9,094.2
12/26/07					0.10	21.73		
12/27/07					0.10	22.59		
12/28/07					0.10	22.12		
12/29/07					0.10	20.19		
12/30/07					0.10	20.25		
12/31/07					0.10	22.93		
Average	0.02	4.14	3.14+/-2.20	23.7+/-6.04	0.10	21.13	50.36	10,443.62
Maximum	0.02	4.49	3.14+/-2.20	23.7+/-6.04	0.10	25.01	52.50	11,791.30
Minimum	0.02	3.78	3.14+/-2.20	23.7+/-6.04	0.10	16.25	48.10	9,094.16

NPDES NO. CA0108928 ORDER 96-52
MONTHLY EFFLUENT MONITORING REPORT
DISCHARGER: SOUTH BAY INTERNATIONAL WWTP

Report for: December 2007
 Report Frequency: Monthly
 Samples Collected By: Veolia Water Sampling Point: _____
 Analyzed By: _____ Effluent
 Sierra Labs

Effluent Pesticides

Date	Effluent Aldrin (ng/L)	Effluent Aldrin (lbs/Day)	Effluent Dieldrin (ug/L)	Effluent Dieldrin (lbs/Day)	Effluent Alpha BHC (ug/L)	Effluent Beta BHC (ug/L)	Effluent Gamma BHC (ug/L)	Effluent Delta BHC (ug/L)
LIMITS	2.2	.00046	4	.00083				
12/01/07								
12/02/07								
12/03/07								
12/04/07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12/05/07								
12/06/07								
12/07/07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12/08/07								
12/09/07								
12/10/07								
12/11/07								
12/12/07								
12/13/07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12/14/07								
12/15/07								
12/16/07								
12/17/07								
12/18/07								
12/19/07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12/20/07								
12/21/07								
12/22/07								
12/23/07								
12/24/07								
12/25/07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12/26/07								
12/27/07								
12/28/07								
12/29/07								
12/30/07								
12/31/07								
Average	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Maximum	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Minimum	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

NPDES NO. CA0108928 ORDER 96-52
MONTHLY EFFLUENT MONITORING REPORT
DISCHARGER: SOUTH BAY INTERNATIONAL WWTP

Report for: December 2007
 Report Frequency: Monthly
 Samples Collected By: Veolia Water Sampling Point:
 Analyzed By: Influent
 Sierra Labs

Effluent Pesticides

Date	Effluent Total HCH	Effluent Total HCH (lbs/Day)	Effluent p,p'-DDD (ng/L)	Effluent p,p'-DDT (ng/L)	Effluent o,p-DDD (ng/L)	Effluent o,p-DDE (ng/L)	Effluent o,p-DDT (ng/L)	Effluent Total DDT (ng/L)
LIMITS	.81	.17						
12/01/07								
12/02/07								
12/03/07								
12/04/07	0.00	0.000	0.00	0.00	0.00	0.00	0.00	0.00
12/05/07								
12/06/07								
12/07/07	0.00	0.000	0.00	0.00	0.00	0.00	0.00	0.00
12/08/07								
12/09/07								
12/10/07								
12/11/07								
12/12/07								
12/13/07	0.00	0.000	0.00	0.00	0.00	0.00	0.00	0.00
12/14/07								
12/15/07								
12/16/07								
12/17/07								
12/18/07								
12/19/07	0.00	0.000	0.00	0.00	0.00	0.00	0.00	0.00
12/20/07								
12/21/07								
12/22/07								
12/23/07								
12/24/07								
12/25/07	0.00	0.000	0.00	0.00	0.00	0.00	0.00	0.00
12/26/07								
12/27/07								
12/28/07								
12/29/07								
12/30/07								
12/31/07								
Average	0.00	0.000	0.00	0.00	0.00	0.00	0.00	0.00
Maximum	0.00	0.000	0.00	0.00	0.00	0.00	0.00	0.00
Minimum	0.00	0.000	0.00	0.00	0.00	0.00	0.00	0.00

NPDES NO. CA0108928 ORDER 96-52
MONTHLY EFFLUENT MONITORING REPORT
DISCHARGER: SOUTH BAY INTERNATIONAL WWTP

Report for: December 2007
 Report Frequency: Monthly
 Samples Collected By: Veolia Water Sampling Point: Effluent
 Analyzed By: Sierra Labs

Effluent Pesticides

	Effluent Total DDT (lbs/Day)	Effluent Heptachlor (ng/L)	Effluent Heptachlor Epoxide (ng/L)	Effluent Total Heptachlor (ng/L)	Effluent Total Heptachlor (lbs/Day)	Effluent Alpha(cis) Chlordane (ng/L)	Effluent gamma-trans Chlordane (ng/L)	Effluent Alpha(cis) Chlordane (ng/L)
LIMITS								
12/01/07								
12/02/07								
12/03/07								
12/04/07	0.0000	0.0	0.0	0.0	0.000	0.0	0.0	0.0
12/05/07								
12/06/07								
12/07/07	0.0000	0.0	0.0	0.0	0.000	0.0	0.0	0.0
12/08/07								
12/09/07								
12/10/07								
12/11/07								
12/12/07								
12/13/07	0.0000	0.0	0.0	0.0	0.000	0.0	0.0	0.0
12/14/07								
12/15/07								
12/16/07								
12/17/07								
12/18/07								
12/19/07	0.0000	0.0	0.0	0.0	0.000	0.0	0.0	0.0
12/20/07								
12/21/07								
12/22/07								
12/23/07								
12/24/07								
12/25/07	0.0000	0.0	0.0	0.0	0.000	0.0	0.0	0.0
12/26/07								
12/27/07								
12/28/07								
12/29/07								
12/30/07								
12/31/07								
Average	0.0000	0.00	0.00	0.00	0.000	0.00	0.00	0.00
Maximum	0.0000	0.00	0.00	0.00	0.000	0.00	0.00	0.00
Minimum	0.0000	0.00	0.00	0.00	0.000	0.00	0.00	0.00

NPDES NO. CA0108928 ORDER 96-52
MONTHLY EFFLUENT MONITORING REPORT
DISCHARGER: SOUTH BAY INTERNATIONAL WWTP

Report for: December 2007
 Report Frequency: Monthly
 Samples Collected By: Veolia Water Sampling Point: Effluent
 Analyzed By: Sierra Labs

Effluent Pesticides

Date	Effluent gamma-trans Chlordane (ng/L)	Effluent Oxy- Chlordane (ng/L)	Effluent Trans- Nonachlor (ng/L)	Effluent cis Nonachlor (ng/L)	Effluent Total Chlordane (ng/L)	Effluent Total Chlordane (lbs/Day)	Effluent Alpha Enodosulfan (ng/L)	Effluent Beta Enodosulfan (ng/L)
LIMITS								
12/01/07								
12/02/07								
12/03/07								
12/04/07	0.0	0.0	0.0	0.0	0.0	0.000000	0.00	0.00
12/05/07								
12/06/07								
12/07/07	0.0	0.0	0.0	0.0	0.0	0.000000	0.00	0.00
12/08/07								
12/09/07								
12/10/07								
12/11/07								
12/12/07								
12/13/07	0.0	0.0	0.0	0.0	0.0	0.000000	0.00	0.00
12/14/07								
12/15/07								
12/16/07								
12/17/07								
12/18/07								
12/19/07	0.0	0.0	0.0	0.0	0.0	0.000000	0.00	0.00
12/20/07								
12/21/07								
12/22/07								
12/23/07								
12/24/07								
12/25/07	0.0	0.0	0.0	0.0	0.0	0.000000	0.00	0.00
12/26/07								
12/27/07								
12/28/07								
12/29/07								
12/30/07								
12/31/07								
Average	0.00	0.00	0.00	0.00	0.00	0.000000	0.00	0.00
Maximum	0.00	0.00	0.00	0.00	0.00	0.000000	0.00	0.00
Minimum	0.00	0.00	0.00	0.00	0.00	0.000000	0.00	0.00

NPDES NO. CA0108928 ORDER 96-52
MONTHLY EFFLUENT MONITORING REPORT
DISCHARGER: SOUTH BAY INTERNATIONAL WWTP

Report for: December 2007
 Report Frequency: Monthly
 Samples Collected By: Veolia Water Sampling Point: Effluent
 Analyzed By: Sierra Labs

Effluent Pesticides

Date	Effluent Endo-Sulfan Sulfate (ng/L)	Effluent Total Endo Sulfate (ng/L)	Effluent Endrin (ug/L)	Effluent Endrin (lbs/Day)	Effluent Endrin Aldahyde (ng/L)	Effluent Mirex (ng/L)	Effluent Methoxy chlor (ng/L)	Effluent Toxaphene (ng/L)
LIMITS								
12/01/07								
12/02/07								
12/03/07								
12/04/07	0.00	0.00	0.00	0.0	0.0	0.0	0.0	0.0
12/05/07								
12/06/07								
12/07/07	0.00	0.00	0.00	0.0	0.0	0.0	0.0	0.0
12/08/07								
12/09/07								
12/10/07								
12/11/07								
12/12/07								
12/13/07	0.00	0.00	0.00	0.0	0.0	0.0	0.0	0.0
12/14/07								
12/15/07								
12/16/07								
12/17/07								
12/18/07								
12/19/07	0.00	0.00	0.00	0.0	0.0	0.0	0.0	0.0
12/20/07								
12/21/07								
12/22/07								
12/23/07								
12/24/07								
12/25/07	0.00	0.00	0.00	0.0	0.0	0.0	0.0	0.0
12/26/07								
12/27/07								
12/28/07								
12/29/07								
12/30/07								
12/31/07								
Average	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Maximum	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Minimum	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

NPDES NO. CA0108928 ORDER 96-52
MONTHLY EFFLUENT MONITORING REPORT
DISCHARGER: SOUTH BAY INTERNATIONAL WWTP

Report for: December 2007
Report Frequency: Monthly Sampling Point: Effluent
Samples Collected By: Veolia Water Analyzed By: Sierra Labs

Effluent PCBs

NPDES NO. CA0108928 ORDER 96-52
MONTHLY EFFLUENT MONITORING REPORT
DISCHARGER: SOUTH BAY INTERNATIONAL WWTP

Report for: December 2007
Report Frequency: Monthly Sampling Point: Effluent
Samples Collected By: Veolia Water Analyzed By: Sierra Labs

Effluent PCBs

Date	Effluent Total PCB (lbs/day)
------	---------------------------------------

LIMITS

12/01/07	
12/02/07	
12/03/07	
12/04/07	0.0000
12/05/07	
12/06/07	
12/07/07	0.0000
12/08/07	
12/09/07	
12/10/07	
12/11/07	
12/12/07	
12/13/07	0.0000
12/14/07	
12/15/07	
12/16/07	
12/17/07	
12/18/07	
12/19/07	0.0000
12/20/07	
12/21/07	
12/22/07	
12/23/07	
12/24/07	
12/25/07	0.0000
12/26/07	
12/27/07	
12/28/07	
12/29/07	
12/30/07	
12/31/07	

Average	0.0000
Maximum	0.0000
Minimum	0.0000

NPDES NO. CA0108928 ORDER 96-52
MONTHLY EFFLUENT MONITORING REPORT
DISCHARGER: SOUTH BAY INTERNATIONAL WWTP

Report for: December 2007
 Report Frequency: Monthly Sampling Point: Effluent
 Samples Collected By: Veolia Water Analyzed By: Sierra Labs

Effluent Bezidine and Organo- Tin

Date	Effluent						
	Effluent Benzidine (ug/L)	3,3 Di chloro benzidine (ug/L)	Effluent Tributyl Tin (ug/L)	Effluent Tributyl Tin (lbs/day)	Effluent Dibutyl Tin (ug/L)	Effluent Monobutyl Tin (ug/L)	Effluent Kepone (ug/L)
Limits	7	.82	.14	.029			
12/01/07							
12/02/07							
12/03/07							
12/04/07	0.0	0.0	0.00	0.00	0.00	0.00	0.00
12/05/07							
12/06/07							
12/07/07						0.00	
12/08/07							
12/09/07							
12/10/07							
12/11/07							
12/12/07							
12/13/07						0.00	
12/14/07							
12/15/07							
12/16/07							
12/17/07							
12/18/07							
12/19/07						0.00	
12/20/07							
12/21/07							
12/22/07							
12/23/07							
12/24/07							
12/25/07						0.00	
12/26/07							
12/27/07							
12/28/07							
12/29/07							
12/30/07							
12/31/07							
Average	0.0	0.0	0.00	0.00	0.00	0.00	0.00
Maximum	0.0	0.0	0.00	0.00	0.00	0.00	0.00
Minimum	0.0	0.0	0.00	0.00	0.00	0.00	0.00

NPDES NO. CA0108928 ORDER 96-52
MONTHLY EFFLUENT MONITORING REPORT
DISCHARGER: SOUTH BAY INTERNATIONAL WWTP

Report for: December 2007
 Report Frequency: Monthly Sampling Point: Effluent
 Samples Collected By: Veolia Water Analyzed By: Sierra Labs

Effluent Base/Neutral Compounds (EPA 625)

Date	Effluent bis(2-chloro ethyl)ether (ug/L)	Effluent meta dichloro benzene (g/L)	Effluent orthodi chloro benzene (g/L)	Effluent paradi chloro benzene (mg/L)	Effluent Total Dichloro benzene (g/L)	Effluent Total Dichloro benzene (lbs/day)	Effluent bis (2-chloro isopropyl) ether (ug/L)	Effluent N-nitrosodi propylamine (ug/L)
Limits	4.5			1.8	0.52	110,000	120	
12/01/07								
12/02/07								
12/03/07								
12/04/07	0.00	0.000003	0.000003	0.000000	0.000006	1.206464	0.000	0.000
12/05/07								
12/06/07								
12/07/07								
12/08/07								
12/09/07								
12/10/07								
12/11/07								
12/12/07								
12/13/07								
12/14/07								
12/15/07								
12/16/07								
12/17/07								
12/18/07								
12/19/07								
12/20/07								
12/21/07								
12/22/07								
12/23/07								
12/24/07								
12/25/07								
12/26/07								
12/27/07								
12/28/07								
12/29/07								
12/30/07								
12/31/07								
Average	0.00	0.000003	0.000003	0.000000	0.000006	1.206464	0.000	0.000
Maximum	0.00	0.000003	0.000003	0.000000	0.000006	1.206464	0.000	0.000
Minimum	0.00	0.000003	0.000003	0.000000	0.000006	1.206464	0.000	0.000

NPDES NO. CA0108928 ORDER 96-52
MONTHLY EFFLUENT MONITORING REPORT
DISCHARGER: SOUTH BAY INTERNATIONAL WWTP

Report for: December 2007
 Report Frequency: Monthly Sampling Point: Effluent
 Samples Collected By: Veolia Water Analyzed By: Sierra Labs

Effluent Base/Neutral Compounds (EPA 625)

Date	Effluent Nitro Benzene (mg/L)	Effluent Hexachloro Ethane (ug/L)	Effluent iso phorone (g/L)	Effluent bis (2-chlor oethoxy) methane (mg/L)	Effluent 1,2,4 Tri chloro benzene (ug/L)	Effluent Naph thalene (ug/L)	Effluent Hexachloro butadiene (mg/L)	Effluent Hexachloro cyclopenta diene (mg/L)
Limits	0.49	250	15	.44			1.4	5.9
12/01/07								
12/02/07								
12/03/07								
12/04/07	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
12/05/07								
12/06/07								
12/07/07								
12/08/07								
12/09/07								
12/10/07								
12/11/07								
12/12/07								
12/13/07								
12/14/07								
12/15/07								
12/16/07								
12/17/07								
12/18/07								
12/19/07								
12/20/07								
12/21/07								
12/22/07								
12/23/07								
12/24/07								
12/25/07								
12/26/07								
12/27/07								
12/28/07								
12/29/07								
12/30/07								
12/31/07								
Average	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Maximum	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Minimum	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

NPDES NO. CA0108928 ORDER 96-52
MONTHLY EFFLUENT MONITORING REPORT
DISCHARGER: SOUTH BAY INTERNATIONAL WWTP

Report for: December 2007
 Report Frequency: Monthly Sampling Point: Effluent
 Samples Collected By: Veolia Water Analyzed By: Sierra Labs

Effluent Base/Neutral Compounds (EPA 625)

Date	Effluent ace-naphthy lene (mg/L)	Effluent Dimethyl phthalate (g/L)	Effluent 2,6 Dinitro toluene (ug/L)	Effluent ace-naph thene (ug/L)	Effluent 2,4- dinitro toluene (ug/L)	Effluent Fluorene (ug/L)	Effluent 4-chloro phenyl ether (ug/L)	Effluent diethyl phthalate (g/L)	Effluent N-nitro diphenyl amine (ug/L)
Limits		83			260			3.3	250
12/01/07									
12/02/07									
12/03/07									
12/04/07	0.000	0.000000	0.000	0.000	0.000	0.000	0.000	0.000000	0.0
12/05/07									
12/06/07									
12/07/07									
12/08/07									
12/09/07									
12/10/07									
12/11/07									
12/12/07									
12/13/07									
12/14/07									
12/15/07									
12/16/07									
12/17/07									
12/18/07									
12/19/07									
12/20/07									
12/21/07									
12/22/07									
12/23/07									
12/24/07									
12/25/07									
12/26/07									
12/27/07									
12/28/07									
12/29/07									
12/30/07									
12/31/07									
Average	0.000	0.000000	0.000	0.000	0.000	0.000	0.000	0.000000	0.0
Maximum	0.000	0.000000	0.000	0.000	0.000	0.000	0.000	0.000000	0.0
Minimum	0.000	0.000000	0.000	0.000	0.000	0.000	0.000	0.000000	0.0

NPDES NO. CA0108928 ORDER 96-52
MONTHLY EFFLUENT MONITORING REPORT
DISCHARGER: SOUTH BAY INTERNATIONAL WWTP

Report for: December 2007
 Report Frequency: Monthly Sampling Point: Effluent
 Samples Collected By: Veolia Water Analyzed By: Sierra Labs

Effluent Base/Neutral Compounds (EPA 625)

Date	Effluent 4-bromo phenyl ether (ug/L)	Effluent Hexachlor obenzene (ng/L)	Effluent Phenan- threne (ug/L)	Effluent Anthracene pah (ug/L)	Effluent Di-n-butyl phthalate (ug/L)	Effluent N-Nitroso dimethyl amine (ug/L)	Effluent Fluoran- thene (ug/L)	Effluent Pyrene PAH (ug/L)
Limits								
12/01/07								
12/02/07								
12/03/07								
12/04/07	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
12/05/07								
12/06/07								
12/07/07								
12/08/07								
12/09/07								
12/10/07								
12/11/07								
12/12/07								
12/13/07								
12/14/07								
12/15/07								
12/16/07								
12/17/07								
12/18/07								
12/19/07								
12/20/07								
12/21/07								
12/22/07								
12/23/07								
12/24/07								
12/25/07								
12/26/07								
12/27/07								
12/28/07								
12/29/07								
12/30/07								
12/31/07								
Average	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Maximum	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Minimum	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

NPDES NO. CA0108928 ORDER 96-52
MONTHLY EFFLUENT MONITORING REPORT
DISCHARGER: SOUTH BAY INTERNATIONAL WWTP

Report for: December 2007
 Report Frequency: Monthly Sampling Point: Effluent
 Samples Collected By: Veolia Water Analyzed By: Sierra Labs

Effluent Base/Neutral Compounds (EPA 625)

Date	Effluent Butyl Phthalate (ug/L)	Effluent Chrysene	Effluent Benzo(A) anthracene	Effluent bis (2-ethyl hexyl) Phthalate	Effluent Di-n-octyl phthalate	Effluent Flouran thene	Effluent Benzo(B) thene	Effluent Benzo(A) Pyrene
Limits				350				
12/01/07								
12/02/07								
12/03/07								
12/04/07	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
12/05/07								
12/06/07								
12/07/07								
12/08/07								
12/09/07								
12/10/07								
12/11/07								
12/12/07								
12/13/07								
12/14/07								
12/15/07								
12/16/07								
12/17/07								
12/18/07								
12/19/07								
12/20/07								
12/21/07								
12/22/07								
12/23/07								
12/24/07								
12/25/07								
12/26/07								
12/27/07								
12/28/07								
12/29/07								
12/30/07								
12/31/07								
Average	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Maximum	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Minimum	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

NPDES NO. CA0108928 ORDER 96-52
MONTHLY EFFLUENT MONITORING REPORT
DISCHARGER: SOUTH BAY INTERNATIONAL WWTP

Report for: December 2007
 Report Frequency: Monthly Sampling Point: Effluent
 Samples Collected By: Veolia Water Analyzed By: Sierra Labs

Effluent Base/Neutral Compounds (EPA 625)

Limits	Effluent Indeno (1,2,3 CD) (ug/L)	Effluent dibenzo (AH)	Effluent Benzo (GHI) Perylene	Effluent 1,2- Diphenyl hydrazine	Effluent Total PAHs	Effluent Total PAHs	Effluent Chloro phenol	Effluent 2,4 Dichloro phenol
12/01/07								
12/02/07								
12/03/07								
12/04/07	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
12/05/07								
12/06/07								
12/07/07							0.000	0.000
12/08/07								
12/09/07								
12/10/07								
12/11/07								
12/12/07								
12/13/07							0.000	0.000
12/14/07								
12/15/07								
12/16/07								
12/17/07								
12/18/07								
12/19/07							0.000	0.000
12/20/07								
12/21/07								
12/22/07								
12/23/07								
12/24/07								
12/25/07							0.000	0.000
12/26/07								
12/27/07								
12/28/07								
12/29/07								
12/30/07								
12/31/07								
Average	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Maximum	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Minimum	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

NPDES NO. CA0108928 ORDER 96-52
MONTHLY EFFLUENT MONITORING REPORT
DISCHARGER: SOUTH BAY INTERNATIONAL WWTP

Report for: December 2007
 Report Frequency: Monthly Sampling Point: Effluent
 Samples Collected By: Veolia Water Analyzed By: Sierra Labs

Effluent Base/Neutral Compounds (EPA 625)

Date	Effluent 4-chloro -3- methyl phenol (mg/L)	Effluent 2,4,6 Tri chloro phenol (ug/L)	Effluent Penta chloro phenol (mg/L)	Effluent Total chlorinated phenols (mg/L)	Effluent Total chlorinated phenols (lbs/day)	Effluent Phenol (ug/L)	Effluent 2-nitro phenol (ug/L)	Effluent 2,4 dinitro phenol (ug/L)
Limits		29		0.4	83			0.4
12/01/07								
12/02/07								
12/03/07								
12/04/07	0.000	0.000	0.000	0.000	0.000	10.000	0.000	0.000
12/05/07								
12/06/07								
12/07/07	0.000	0.000	0.000	0.000	0.000	11.000	0.000	0.000
12/08/07								
12/09/07								
12/10/07								
12/11/07								
12/12/07								
12/13/07	0.000	0.000	0.000	0.000	0.000	1.100	0.000	0.000
12/14/07								
12/15/07								
12/16/07								
12/17/07								
12/18/07								
12/19/07	0.000	0.000	0.000	0.000	0.000	5.800	0.000	0.000
12/20/07								
12/21/07								
12/22/07								
12/23/07								
12/24/07								
12/25/07	0.000	0.000	0.000	0.000	0.000	7.100	0.000	0.000
12/26/07								
12/27/07								
12/28/07								
12/29/07								
12/30/07								
12/31/07								
Average	0.000	0.000	0.000	0.000	0.000	7.000	0.000	0.000
Maximum	0.000	0.000	0.000	0.000	0.000	11.000	0.000	0.000
Minimum	0.000	0.000	0.000	0.000	0.000	1.100	0.000	0.000

NPDES NO. CA0108928 ORDER 96-52
MONTHLY EFFLUENT MONITORING REPORT
DISCHARGER: SOUTH BAY INTERNATIONAL WWTP

Report for: December 2007
 Report Frequency: Monthly Sampling Point: Effluent
 Samples Collected By: Veolia Water Analyzed By: Sierra Labs

Effluent Base/Neutral Compounds (EPA 625)

	Effluent 4 nitro phenol Date (ug/L)	Effluent 2-methyl -4,6-dintro phenol (ug/L) 22	Effluent Total non-chlor phenols (mg/L) 12	Effluent Total non-chlor phenols (lbs/day) 2500
12/01/07				
12/02/07				
12/03/07				
12/04/07	0.000	0.000	0.010	2.011
12/05/07				
12/06/07				
12/07/07	0.000	0.000	0.011	2.444
12/08/07				
12/09/07				
12/10/07				
12/11/07				
12/12/07				
12/13/07	0.000	0.000	0.003	0.625
12/14/07				
12/15/07				
12/16/07				
12/17/07				
12/18/07				
12/19/07	0.000	0.000	0.007	1.439
12/20/07				
12/21/07				
12/22/07				
12/23/07				
12/24/07				
12/25/07	0.000	0.000	0.009	1.565
12/26/07				
12/27/07				
12/28/07				
12/29/07				
12/30/07				
12/31/07				
Average	0.000	0.000	0.008	1.617
Maximum	0.000	0.000	0.011	2.444
Minimum	0.000	0.000	0.003	0.625

NPDES NO. CA0108928 ORDER 96-52
MONTHLY EFFLUENT MONITORING REPORT
DISCHARGER: SOUTH BAY INTERNATIONAL WWTP

Report for: December 2007
 Report Frequency: Monthly Sampling Point: Effluent
 Samples Collected By: Veolia Water Analyzed By: Sierra Labs

Effluent VOCs (EPA 624)

	Effluent Chloro Methane	Effluent bromo methane	Effluent Vinyl Chloride	Effluent Chloro Ethene	Effluent 1,1 dichloro Ethene	Effluent Trichloro Fluoro Methane	Effluent Methlyene chloride	Effluent 1,1 Dichloro ethane
Date	(mg/L)	(mg/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(mg/L)	(ug/L)
Limits			3.6		72		45	
12/01/07								
12/02/07								
12/03/07								
12/04/07	0.000	0.000	0.000	0.000	0.000000	0.000	0.000	0.000
12/05/07								
12/06/07								
12/07/07								
12/08/07								
12/09/07								
12/10/07								
12/11/07								
12/12/07								
12/13/07								
12/14/07								
12/15/07								
12/16/07								
12/17/07								
12/18/07								
12/19/07								
12/20/07								
12/21/07								
12/22/07								
12/23/07								
12/24/07								
12/25/07								
12/26/07								
12/27/07								
12/28/07								
12/29/07								
12/30/07								
12/31/07								
Average	0.000	0.000	0.000	0.000	0.000000	0.000	0.000	0.000
Maximum	0.000	0.000	0.000	0.000	0.000000	0.000	0.000	0.000
Minimum	0.000	0.000	0.000	0.000	0.000000	0.000	0.000	0.000

NPDES NO. CA0108928 ORDER 96-52
MONTHLY EFFLUENT MONITORING REPORT
DISCHARGER: SOUTH BAY INTERNATIONAL WWTP

Report for: December 2007
 Report Frequency: Monthly Sampling Point: Effluent
 Samples Collected By: Veolia Water Analyzed By: Sierra Labs

Effluent VOCs (EPA 624)

	Effluent Trans- 1,2 Dichlor ethene (ug/L)	Effluent Chloroform	Effluent 1,2 Dichloro ethane (mg/L)	Effluent 1,1,1 Trichloro ethane (mg/L)	Effluent Carbon Tetra Chloride (g/L)	Effluent DCBM (ug/L)	Effluent Trans- 1,3 Dichloro propene (mg/L)
Date	Limits						
12/01/07							
12/02/07							
12/03/07							
12/04/07	0.000	0.009	0.000	0.000000	0.000	0.003	0.000
12/05/07							
12/06/07							
12/07/07							
12/08/07							
12/09/07							
12/10/07							
12/11/07							
12/12/07							
12/13/07							
12/14/07							
12/15/07							
12/16/07							
12/17/07							
12/18/07							
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12/20/07							
12/21/07							
12/22/07							
12/23/07							
12/24/07							
12/25/07							
12/26/07							
12/27/07							
12/28/07							
12/29/07							
12/30/07							
12/31/07							
Average	0.000	0.009	0.000	0.000000	0.000	0.003	0.000
Maximum	0.000	0.009	0.000	0.000000	0.000	0.003	0.000
Minimum	0.000	0.009	0.000	0.000000	0.000	0.003	0.000

NPDES NO. CA0108928 ORDER 96-52
MONTHLY EFFLUENT MONITORING REPORT
DISCHARGER: SOUTH BAY INTERNATIONAL WWTP

Report for: December 2007
 Report Frequency: Monthly Sampling Point: Effluent
 Samples Collected By: Veolia Water Analyzed By: Sierra Labs

Effluent VOCs (EPA 624)

Date	Effluent Trichloro ethene (mg/L)	Effluent Benzene (mg/L)	Effluent Dibromo chloro methane (ug/L)	Effluent 1,1,2 Trichloro ethane (g/L)	Effluent cis-1,3 Dichloro propene (ug/L)	Effluent Chloro ethyl vinyl ether (ug/L)	Effluent Bromoform (mg/L)	Effluent 1,1,2,2-tetrachlor oethene (mg/L)
Limits	2.7	0.6		4.3				120
12/01/07								
12/02/07								
12/03/07								
12/04/07	0.000	0.000	4.100	0.000000	0.000	0.000	0.000	0.000
12/05/07								
12/06/07								
12/07/07								
12/08/07								
12/09/07								
12/10/07								
12/11/07								
12/12/07								
12/13/07								
12/14/07								
12/15/07								
12/16/07								
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12/19/07								
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12/22/07								
12/23/07								
12/24/07								
12/25/07								
12/26/07								
12/27/07								
12/28/07								
12/29/07								
12/30/07								
12/31/07								
Average	0.000	0.000	4.100	0.000000	0.000	0.000	0.000	0.000
Maximum	0.000	0.000	4.100	0.000000	0.000	0.000	0.000	0.000
Minimum	0.000	0.000	4.100	0.000000	0.000	0.000	0.000	0.000

NPDES NO. CA0108928 ORDER 96-52
MONTHLY EFFLUENT MONITORING REPORT
DISCHARGER: SOUTH BAY INTERNATIONAL WWTP

Report for: December 2007
 Report Frequency: Monthly Sampling Point: Effluent
 Samples Collected By: Veolia Water Analyzed By: Sierra Labs

Effluent VOCs (EPA 624)

Date	Effluent Tetrachloroethene (mg/L)	Effluent Toluene (g/L)	Effluent Chloro Benzene (mg/L)	Effluent Ethyl benzene (mg/L)	Effluent 2-Butanone (MEK) (mg/L)	Effluent Carbon Disulfide (mg/L)	Effluent Total Halo methanes (ug/L)	Effluent Total Halo methanes (lbs/day)
Limits	1.0	8.6	58	400			13	2,700
12/01/07								
12/02/07								
12/03/07								
12/04/07	0.000	0.000014	0.0000	0.0015	0.0000	0.0000	0.0026	0.523
12/05/07								
12/06/07								
12/07/07								
12/08/07								
12/09/07								
12/10/07								
12/11/07								
12/12/07								
12/13/07								
12/14/07								
12/15/07								
12/16/07								
12/17/07								
12/18/07								
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12/23/07								
12/24/07								
12/25/07								
12/26/07								
12/27/07								
12/28/07								
12/29/07								
12/30/07								
12/31/07								
Average	0.000	0.000014	0.0000	0.0015	0.0000	0.0000	0.0026	0.523
Maximum	0.000	0.000014	0.0000	0.0015	0.0000	0.0000	0.0026	0.523
Minimum	0.000	0.000014	0.0000	0.0015	0.0000	0.0000	0.0026	0.523

NPDES NO. CA0108928 ORDER 96-52
MONTHLY EFFLUENT MONITORING REPORT
DISCHARGER: SOUTH BAY INTERNATIONAL WWTP

Report for: December 2007
Report Frequency: Monthly Sampling Point: Effluent
Samples Collected By: Veolia Water Analyzed By: Sierra Labs

Effluent VOCs (EPA 624)

	Effluent Acrylo nitrile	Effluent Acrolien
Date	(ug/L)	(mg/L)
Limits		
12/01/07		
12/02/07		
12/03/07		
12/04/07	0.000	0.000
12/05/07		
12/06/07		
12/07/07		
12/08/07		
12/09/07		
12/10/07		
12/11/07		
12/12/07		
12/13/07		
12/14/07		
12/15/07		
12/16/07		
12/17/07		
12/18/07		
12/19/07		
12/20/07		
12/21/07		
12/22/07		
12/23/07		
12/24/07		
12/25/07		
12/26/07		
12/27/07		
12/28/07		
12/29/07		
12/30/07		
12/31/07		
Average	0.000	0.000
Maximum	0.000	0.000
Minimum	0.000	0.000

NPDES NO. CA0108928 ORDER 96-52
MONTHLY EFFLUENT MONITORING REPORT
DISCHARGER: SOUTH BAY INTERNATIONAL WWTP

Report for: December 2007
 Report Frequency: Monthly Sampling Point: Effluent
 Samples Collected By: Veolia Water Analyzed By: Sierra Labs

Effluent TCDD Equivalents

Date	Effluent 2,3,7,8 tetra CDD (pg/L)	Effluent 1,2,3,7,8 Penta CDD (pg/L)	Effluent 1,2,3,4,7,8 Hexa CDD (pg/L)	Effluent 1,2,3,6,7,8 Hexa CDD (pg/L)	Effluent 1,2,3,7,8,9 Hepta CDD (pg/L)	Effluent 1,2,3,4,6,7,8 Octa CDD (pg/L)	Effluent 2,3,7,8 Tetra CDF (pg/L)
Limits							
12/01/07							
12/02/07							
12/03/07							
12/04/07	0.000	0.000	0.000	0.000	0.000	0.000	0.000
12/05/07							
12/06/07							
12/07/07							
12/08/07							
12/09/07							
12/10/07							
12/11/07							
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12/25/07							
12/26/07							
12/27/07							
12/28/07							
12/29/07							
12/30/07							
12/31/07							
Average	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Maximum	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Minimum	0.000	0.000	0.000	0.000	0.000	0.000	0.000

NPDES NO. CA0108928 ORDER 96-52
MONTHLY EFFLUENT MONITORING REPORT
DISCHARGER: SOUTH BAY INTERNATIONAL WWTP

Report for: December 2007
 Report Frequency: Monthly Sampling Point: Effluent
 Samples Collected By: Veolia Water Analyzed By: Sierra Labs

Effluent TCDD Equivalents

Date	Effluent 2,3,7,8 Penta (pg/L)	Effluent 2,3,6,7,8 Penta (pg/L)	Effluent 1,2,3,6,7,8 Hexa (pg/L)	Effluent 1,2,3,7,8,9 Hexa (pg/L)	Effluent 1,2,3,7,8,9 CDD (pg/L)	Effluent 1,2,3,4,6,7,8 Hexa (pg/L)	Effluent 1,2,3,4,6,7,8 Hepta (pg/L)	Effluent 1,2,3,4,7,8,9 Hepta (pg/L)
Limits								
12/01/07								
12/02/07								
12/03/07								
12/04/07	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
12/05/07								
12/06/07								
12/07/07								
12/08/07								
12/09/07								
12/10/07								
12/11/07								
12/12/07								
12/13/07								
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12/21/07								
12/22/07								
12/23/07								
12/24/07								
12/25/07								
12/26/07								
12/27/07								
12/28/07								
12/29/07								
12/30/07								
12/31/07								
Average	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Maximum	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Minimum	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

NPDES NO. CA0108928 ORDER 96-52
MONTHLY EFFLUENT MONITORING REPORT
DISCHARGER: SOUTH BAY INTERNATIONAL WWTP

Report for: December 2007
 Report Frequency: Monthly Sampling Point: Effluent
 Samples Collected By: Veolia Water Analyzed By: Sierra Labs

Effluent TCDD Equivalents

Date	Effluent	Effluent	Effluent
	Total	Total	
	Octa CDF (pg/L)	TCDD (pg/L)	TCDD (lbs/Day)
Limits		0.39	0.000000081
12/01/07			
12/02/07			
12/03/07			
12/04/07	0.000	0.000	0.00000000
12/05/07			
12/06/07			
12/07/07			
12/08/07			
12/09/07			
12/10/07			
12/11/07			
12/12/07			
12/13/07			
12/14/07			
12/15/07			
12/16/07			
12/17/07			
12/18/07			
12/19/07			
12/20/07			
12/21/07			
12/22/07			
12/23/07			
12/24/07			
12/25/07			
12/26/07			
12/27/07			
12/28/07			
12/29/07			
12/30/07			
12/31/07			
Average	0.000	0.000	0.00000000
Maximum	0.000	0.000	0.00000000
Minimum	0.000	0.000	0.00000000

NPDES DATA FOR THE SOUTH BAY INTERNATIONAL WWTP

Six Month Median Report Influent

MONTHLY AVERAGE											
Month	Influent FLOW MGD	Influent Antimony mg/L	Influent Antimony Ibs/day	Influent Arsenic mg/L	Influent Arsenic Ibs/day	Influent Beryllium µg/L	Influent Beryllium Ibs/day	Influent Cadmium mg/L	Influent Cadmium Ibs/day	Influent Chromium mg/L	
Jul 2007	26.37	0.000	0.00	0.000	0.00	0.00	0.00	0.00	0.00	0.00	
Aug 2007	26.88	0.000	0.00	0.000	0.00	0.00	0.00	0.00	0.00	0.01	
Sep 2007	27.03	0.000	0.00	0.000	0.00	0.00	0.00	0.00	0.00	0.00	
Oct 2007	26.93	0.000	0.00	0.000	0.00	0.00	0.00	0.00	0.00	0.01	
Nov 2007	25.72	0.000	0.00	0.000	0.00	0.00	0.00	0.00	0.00	0.00	
Dec 2007	25.34	0.000	0.00	0.000	0.00	0.00	0.00	0.00	0.00	0.03	
Limits											
6 Mo Median											
Mo Average				0.024	5.000	0.0025	0.520	0.061	13.000	1.100	
Maximum											
Performance											
Minimum	25.34	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Maximum	27.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03	
Average	26.38	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	
Median	26.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	

NPDES DATA FOR THE SOUTH BAY INTERNATIONAL WWTP

Six Month Median Report

Influent

MONTHLY AVERAGE

Month	Influent Chromium lbs/day	Influent Copper mg/L	Influent Copper lbs/day	Influent Lead mg/L	Influent Lead lbs/day	Influent Mercury µg/L	Influent Mercury lbs/day	Influent Nickel mg/L	Influent Nickel lbs/day	Influent Silver mg/L
Jul 2007	0.00	0.021	4.51	0.000	0.00	0.000	0.00	0.015	3.30	0.000
Aug 2007	3.08	0.085	19.55	0.059	13.58	0.000	0.00	0.035	8.07	0.002
Sep 2007	0.00	0.007	1.54	0.000	0.00	0.000	0.00	0.022	4.75	0.000
Oct 2007	1.75	0.085	18.82	0.006	1.22	0.000	0.00	0.049	11.08	0.001
Nov 2007	0.00	0.008	1.48	0.000	0.00	0.000	0.00	0.025	5.09	0.000
Dec 2007	6.70	0.215	44.96	0.024	5.16	0.000	0.00	0.055	11.62	0.006

Limits

6 Mo Median		.150	32.000					0.440	93.000	0.052
Mo Average	230.000			0.160	34.000					
Maximum						0.0054	1.100			

Performance

Minimum	0.00	0.01	1.48	0.00	0.00	0.00	0.00	0.01	3.30	0.00
Maximum	6.70	0.22	44.96	0.06	13.58	0.00	0.00	0.05	11.62	0.01
Average	1.92	0.07	15.14	0.01	3.33	0.00	0.00	0.03	7.32	0.00
Median	0.00	0.02	5.12	0.00	0.00	0.00	0.00	0.02	3.38	0.00

NPDES DATA FOR THE SOUTH BAY INTERNATIONAL WWTP

Six Month Median Report Influent

MONTHLY AVERAGE							
Month	Influent Silver lbs/day	Influent Zinc mg/L	Influent Zinc lbs/day	Influent Cyanide mg/L	Influent Cyanide lbs/day	Influent Gamma BHC	Influent Gamma BHC lbs/day
Jul 2007	0.00	0.039	8.49	0.020	4.41	0.00	0.00
Aug 2007	0.45	0.200	46.08	0.020	4.64	0.00	0.00
Sep 2007	0.00	0.040	8.70	0.020	4.39	0.00	0.00
Oct 2007	0.16	0.179	39.72	0.020	4.42	0.00	0.00
Nov 2007	0.00	0.033	6.74	0.020	4.27	0.00	0.00
Dec 2007	1.27	0.222	42.86	0.020	4.14	0.00	0.00

Limits							
6 Mo Median	11.000			0.075	16.000	0.420	0.088
Mo Average		1.100	220.000				
Maximum							

Performance							
Minimum	0.00	0.03	6.74	0.02	4.14	0.00	0.00
Maximum	1.27	0.22	46.08	0.02	4.64	0.00	0.00
Average	0.31	0.12	25.43	0.02	4.38	0.00	0.00
Median	0.00	0.04	9.24	0.02	4.41	0.00	0.00

NDPES Data for the South Bay International WWTP

Six Month Median Report Effluent

MONTHLY AVERAGE								
Month	Effluent FLOW MGD	Effluent 7 D AVG FLOW MDG	Effluent 30 D AVG FLOW MGD	Effluent Arsenic mg/L	Effluent Arsenic lbs/day	Effluent Cadmium mg/L	Effluent Cadmium lbs/day	Effluent Chromium (total) mg/L
Jul 2007	24.70	25	25	0.000	0.00	0.00	0.00	0.000
Aug 2007	24.64	25	24	0.000	0.00	0.00	0.00	0.000
Sep 2007	24.86	25	25	0.000	0.00	0.00	0.00	0.000
Oct 2007	24.80	25	25	0.000	0.00	0.00	0.00	0.000
Nov 2007	24.30	24	25	0.000	0.00	0.00	0.00	0.000
Dec 2007	24.72	25	24	0.000	0.00	0.00	0.00	0.002
Limits								
6 Mo Median				0.510	110.000	0.100	21.000	0.200
Daily Max				2.900	600.000	0.400	83.000	0.810
Instantaneous				7.800	1600.000	1.000	210.000	2.000
Performance								
Minimum	24.30	24.26	24.19	0.00	0.00	0.00	0.00	0.00
Maximum	24.86	25.02	25.04	0.00	0.00	0.00	0.00	0.00
Average	24.67	24.83	24.67	0.00	0.00	0.00	0.00	0.00
Median	24.85	24.63	24.64	0.00	0.00	0.00	0.00	0.00

NDPES Data for the South Bay International WWTP

Six Month Median Report

Effluent

MONTHLY AVERAGE

	Effluent Chromium	Effluent Copper	Effluent Copper	Effluent Lead	Effluent Lead	Effluent Mercury	Effluent Mercury	Effluent Nickel
Month	Ibs/day	mg/L	Ibs/day	mg/L	Ibs/day	ug/L	Ibs/day	mg/L
Jul 2007	0.00	0.000	0.00	0.000	0.00	0.000	0.00	0.016
Aug 2007	0.00	0.003	0.71	0.000	0.00	0.000	0.00	0.019
Sep 2007	0.00	0.013	2.70	0.000	0.00	0.000	0.00	0.022
Oct 2007	0.00	0.003	0.53	0.000	0.00	0.000	0.00	0.027
Nov 2007	0.00	0.000	0.00	0.000	0.00	0.000	0.00	0.017
Dec 2007	0.42	0.030	6.12	0.000	0.00	0.000	0.00	0.028

Limits

6 Mo Median	42.000	0.100	21.000	0.200	42.000	4.000	0.830	0.510
Daily Max	170.000	1.000	210.000	0.810	170.000	16.000	3.300	2.000
Instantaneous	420.000	2.800	580.000	2.000	420.000	40.000	8.300	5.100

Performance

Minimum	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02
Maximum	0.42	0.03	6.12	0.00	0.00	0.00	0.00	0.03
Average	0.07	0.01	1.68	0.00	0.00	0.00	0.00	0.02
Median	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02

NDPES Data for the South Bay International WWTP

Six Month Median Report Effluent

MONTHLY AVERAGE

	Effluent Nickel	Effluent Selenium	Effluent Selenium	Effluent Silver	Effluent Silver	Effluent Zinc	Effluent Zinc	Effluent Cyanide
Month	lbs/day	mg/L	lbs/day	mg/L	lbs/day	mg/L	lbs/day	mg/L
Jul 2007	3.61	0.000	0.00	0.000	0.00	0.013	2.94	0.0
Aug 2007	4.46	0.000	0.00	0.000	0.00	0.036	8.34	0.0
Sep 2007	4.77	0.000	0.00	0.000	0.00	0.018	3.69	0.0
Oct 2007	5.96	0.000	0.00	0.000	0.00	0.025	5.64	0.0
Nov 2007	3.58	0.000	0.00	0.000	0.00	0.036	7.30	0.0
Dec 2007	5.86	0.000	0.00	0.000	0.00	0.051	10.40	0.0

Limits

6 Mo Median	100.000	1.500	310.000	0.060	11.000	1.200	250.000	0.100
Daily Max	420.000	6.100	1300.000	0.300	56.000	7.300	1500.000	0.400
Instantaneous	1000.000	15.000	3100.000	0.700	140.000	19.000	4000.000	1.000

Performance

Minimum	3.58	0.00	0.00	0.00	0.00	0.01	2.94	0.02
Maximum	5.96	0.00	0.00	0.00	0.00	0.05	10.40	0.02
Average	4.71	0.00	0.00	0.00	0.00	0.03	6.39	0.00
Median	3.61	0.02	3.75	0.00	0.00	0.02	3.75	0.02

NDPES Data for the South Bay International WWTP

Six Month Median Report Effluent

MONTHLY AVERAGE

Month	Effluent Cyanide lbs/day	Effluent Total Chlorine mg/L	Effluent Total Chlorine lbs/day	Effluent Ammonia mg/L	Effluent Ammonia lbs/day	Effluent Alpha BHC ug/L	Effluent Alpha BHC lbs/day
Jul 2007	4.41	0.10	21.99	50.5	11,124.4	0.00	0.00
Aug 2007	4.64	0.10	22.41	52.9	12,238.1	0.00	0.00
Sep 2007	4.39	0.10	22.54	53.1	11,648.9	0.00	0.00
Oct 2007	4.42	0.10	22.46	52.2	11,551.8	0.00	0.00
Nov 2007	4.27	0.10	21.45	52.6	11,244.2	0.00	0.00
Dec 2007	4.14	0.10	21.13	50.4	10,443.6	0.00	0.00

Limits

6 Mo Median	21.000	0.200	42.000	61.000	130000.000		
Daily Max	83.000	0.810	170.000	240.000	500000.000		
Instantaneous	210.000	6.100	1300.000	610.000	1300000.000		

Performance

Minimum	4.14	0.10	21.13	50.36	10,443.62	0.00	0.00
Maximum	4.64	0.10	22.54	53.13	12,238.08	0.00	0.00
Average	4.38	0.10	22.00	51.95	11,375.17	0.00	0.00
Median	4.41	0.10	22.10	49.50	10778.62	0.00	0.00

NDPES Data for the South Bay International WWTP

Six Month Median Report Effluent

MONTHLY AVERAGE							
Month	Effluent Beta BHC ug/L	Effluent Beta BHC lbs/day	Effluent Gamma BHC ug/L	Effluent Gamma BHC lbs/day	Effluent Delta BHC ug/L	Effluent Delta BHC lbs/day	Effluent Total HCH ug/L
Jul 2007	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Aug 2007	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Sep 2007	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Oct 2007	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Nov 2007	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Dec 2007	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Limits							
6 Mo Median							0.400
Daily Max							0.810
Instantaneous							1.200

Performance							
Minimum	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Maximum	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Average	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Median	0.00	0.00	0.00	0.00	0.00	0.00	0.00

NDPES Data for the South Bay International WWTP

Six Month Median Report Effluent

MONTHLY AVERAGE

Month	Effluent Total HCH lbs/d	Effluent Alpha Endosulfan ug/L	Effluent Alpha Endosulfan lbs/day	Effluent Beta Endosulfan ug/L	Effluent Beta Endosulfan lbs/day	Effluent Endosulfan Sulfate ug/L	Effluent Endosulfan Sulfate lbs/day	Effluent Total Endosulfan ug/L
Jul 2007	0.000	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Aug 2007	0.000	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Sep 2007	0.000	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Oct 2007	0.000	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Nov 2007	0.000	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Dec 2007	0.000	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Limits

6 Mo Median	0.083							0.910
Daily Max	0.170							1.800
Instantaneous	0.250							2.700

Performance

Minimum	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Maximum	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Average	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Median	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

NDPES Data for the South Bay International WWTP

Six Month Median Report Effluent

MONTHLY AVERAGE									
Month	Effluent Total Endosulfan lbs/d	Effluent Endrin ug/L	Effluent Endrin lbs/day	Effluent 2-Chloro Phenol mg/L	Effluent 2-Chloro Phenol lbs/day	Effluent 2,4Dichloro Phenol mg/L	Effluent 2,4Dichloro Phenol lbs/day	Effluent 4-Chlor-3 Methylphenol mg/L	
Jul 2007	0.00	0.0	0.0	0.000	0.000	0.000	0.000	0.000	
Aug 2007	0.00	0.0	0.0	0.000	0.000	0.000	0.000	0.000	
Sep 2007	0.00	0.0	0.0	0.000	0.000	0.000	0.000	0.000	
Oct 2007	0.00	0.0	0.0	0.000	0.000	0.000	0.000	0.000	
Nov 2007	0.00	0.0	0.0	0.000	0.000	0.000	0.000	0.000	
Dec 2007	0.00	0.0	0.0	0.000	0.000	0.000	0.000	0.000	
Limits									
6 Mo Median	0.190	0.200	0.042						
Daily Max	0.380	0.400	0.083						
Instantaneous	0.560	0.610	0.130						
Performance									
Minimum	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Maximum	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Average	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Median	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	

NDPES Data for the South Bay International WWTP

Six Month Median Report

Effluent

MONTHLY AVERAGE

Month	4-Chlor-3 Methyl Phenol lbs/day	2,4,6 Tri-chloro phenol ug/L	2,4,6 Tri-chloro phenol lbs/day	Penta Chloro Phenol mg/L	Penta Chloro Phenol lbs/day	Total Chlorinated Phenols mg/L	Total Chlorinated Phenols lbs/d	Phenol ug/L
Jul 2007	0.0	0.0	0.0	0.000	0.000	0.000	0.00	0.0
Aug 2007	0.0	0.0	0.0	0.000	0.000	0.000	0.00	2.0
Sep 2007	0.0	0.0	0.0	0.000	0.000	0.000	0.00	0.3
Oct 2007	0.0	0.0	0.0	0.000	0.000	0.000	0.00	5.3
Nov 2007	0.0	0.0	0.0	0.000	0.000	0.000	0.00	5.3
Dec 2007	0.0	0.0	0.0	0.000	0.000	0.000	0.00	7.0

Limits

6 Mo Median						0.100	21.000	
Daily Max						0.400	83.000	
Instantaneous		29.000	6.000			1.000	210.000	

Performance

Minimum	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Maximum	0.00	0.00	0.00	0.00	0.00	0.00	0.00	7.00
Average	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.32
Median	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

NDPES Data for the South Bay International WWTP

Six Month Median Report Effluent

MONTHLY AVERAGE									
Month	Phenol lbs/day	2-Nitro Phenol ug/L	2-Nitro Phenol lbs/day	2,4 Dimethyl Phenol ug/L	2,4 Dimethyl Phenol lbs/day	2,4 Dinitro Phenol ug/L	2,4 Dinitro Phenol lbs/day	4-Nitro Phenol ug/L	
Jul 2007	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
Aug 2007	0.4	0.0	0.0	0.2	0.1	0.0	0.0	0.0	
Sep 2007	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
Oct 2007	1.1	0.0	0.0	0.4	0.1	0.0	0.0	0.0	
Nov 2007	1.1	0.0	0.0	3.0	0.6	0.0	0.0	0.0	
Dec 2007	1.4	0.0	0.0	1.0	0.2	0.0	0.0	0.0	

Limits									
6 Mo Median									
Daily Max									
Instantaneous						0.400	83.000		

Performance									
Minimum	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Maximum	1.43	0.00	0.00	3.00	0.63	0.00	0.00	0.00	0.00
Average	0.68	0.00	0.00	0.77	0.17	0.00	0.00	0.00	0.00
Median	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

NDPES Data for the South Bay International WWTP

Six Month Median Report Effluent

MONTHLY AVERAGE

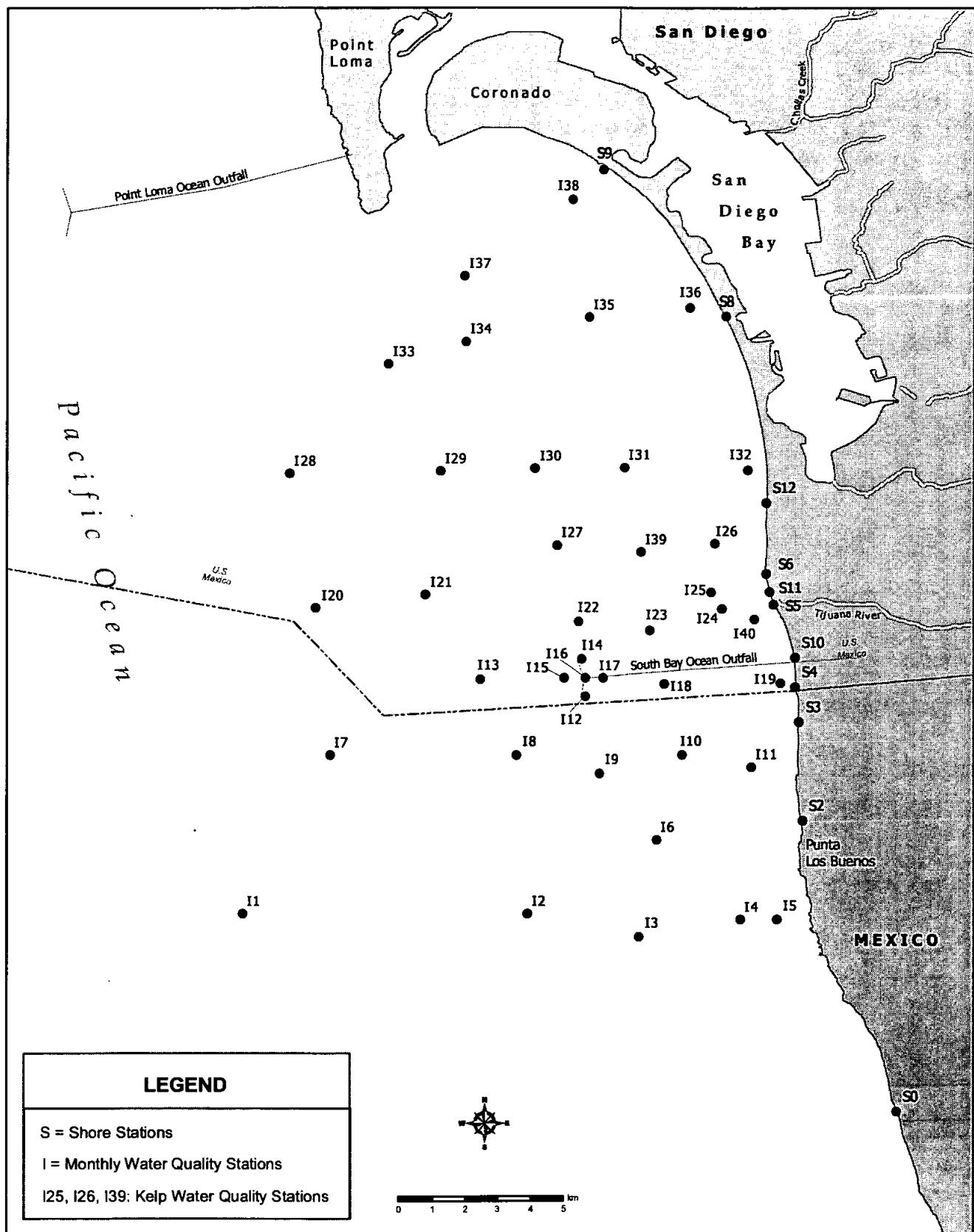
Month	4-Nitro Phenol lbs/day	2-Methyl 4,6 dinitro phenol mg/L	2-Methyl 4,6 dinitro phenol lbs/day	Total Non-Chlorinated Phenols mg/L	Total Non-Chlorinated Phenols lbs
Jul 2007	0.0	0.000	0.000	0.000	0.00
Aug 2007	0.0	0.000	0.000	0.002	0.49
Sep 2007	0.0	0.000	0.000	0.000	0.06
Oct 2007	0.0	0.000	0.000	0.006	1.18
Nov 2007	0.0	0.000	0.000	0.008	1.68
Dec 2007	0.0	0.000	0.000	0.008	1.62

Limits

6 Mo Median				3.000	630.000
Daily Max				12.000	2500.000
Instantaneous		22.000	4600.000	30.000	6300.000

Performance

Minimum	0.00	0.00	0.00	0.00	0.00
Maximum	0.00	0.00	0.00	0.01	1.68
Average	0.00	0.00	0.00	0.00	0.84
Median	0.00	0.00	0.00	0.000	0.00



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***SHORE
WATER QUALITY STATIONS***



Exceedance of 30-Day Total Coliform Standard (% by station)

Station Sample Date	S0	S10	S11	S12	S2	S3	S4	S5	S6	S8	S9
01 DEC 2007	0	0	0	0	0	0	0	0	0	0	0
02 DEC 2007	0	0	0	0	0	0	0	0	0	0	0
03 DEC 2007	0	0	0	0	0	0	0	0	0	0	0
04 DEC 2007	20	20	0	0	20	20	20	20	0	0	0
05 DEC 2007	20	33	0	0	20	20	17	33	0	0	0
06 DEC 2007	25	40	0	0	25	25	20	40	0	0	0
07 DEC 2007	25	40	0	0	25	25	20	40	0	0	0
08 DEC 2007	25	40	0	0	25	25	20	40	0	0	0
09 DEC 2007	25	40	0	0	25	25	20	40	0	0	0
10 DEC 2007	25	40	0	0	25	25	20	40	0	0	0
11 DEC 2007	40	50	20	0	20	20	33	50	20	0	0
12 DEC 2007	40	50	20	0	20	20	33	50	20	0	0
13 DEC 2007	50	60	25	0	25	25	40	60	25	0	0
14 DEC 2007	50	60	25	0	25	25	40	60	25	0	0
15 DEC 2007	50	60	25	0	25	25	40	60	25	0	0
16 DEC 2007	50	60	25	0	25	25	40	60	25	0	0
17 DEC 2007	50	60	25	0	25	25	40	60	25	0	0
18 DEC 2007	40	50	20	0	20	20	33	67	20	0	0
19 DEC 2007	40	50	20	0	20	20	33	67	20	0	0
20 DEC 2007	50	60	25	0	25	25	40	80	25	0	0
21 DEC 2007	50	60	25	0	25	25	40	80	25	0	0
22 DEC 2007	50	60	25	0	25	25	40	80	25	0	0
23 DEC 2007	50	60	25	0	25	25	40	80	25	0	0
24 DEC 2007	50	60	25	0	25	25	40	80	25	0	0
25 DEC 2007	50	60	25	0	25	25	40	80	25	0	0
26 DEC 2007	60	50	20	0	20	20	33	67	20	0	0
27 DEC 2007	75	60	25	0	25	25	40	80	25	0	0
28 DEC 2007	75	60	25	0	25	25	40	80	25	0	0
29 DEC 2007	75	60	25	0	25	25	40	80	25	0	0
30 DEC 2007	75	60	25	0	25	25	40	80	25	0	0
31 DEC 2007	75	60	25	0	25	25	40	80	25	0	0



Exceedance of 10,000 CFU/100 mL Total Coliform Standard (No. of samples)



Exceedance of 60-Day Fecal Coliform Standard (% by station)

Station Sample Date	S0	S10	S11	S12	S2	S3	S4	S5	S6	S8	S9
01 DEC 2007	0	0	0	0	0	0	0	0	0	0	0
02 DEC 2007	0	0	0	0	0	0	0	0	0	0	0
03 DEC 2007	0	0	0	0	0	0	0	0	0	0	0
04 DEC 2007	11	11	0	0	0	11	11	11	0	0	0
05 DEC 2007	11	10	0	0	0	11	10	10	0	0	0
06 DEC 2007	11	10	0	0	0	11	10	10	0	0	0
07 DEC 2007	11	10	0	0	0	11	10	10	0	0	0
08 DEC 2007	13	11	0	0	0	13	11	11	0	0	0
09 DEC 2007	13	11	0	0	0	13	11	11	0	0	0
10 DEC 2007	13	11	0	0	0	13	11	11	0	0	0
11 DEC 2007	11	20	0	0	0	11	10	10	0	0	0
12 DEC 2007	11	20	0	0	0	11	10	10	0	0	0
13 DEC 2007	11	20	0	0	0	11	10	10	0	0	0
14 DEC 2007	11	20	0	0	0	11	10	10	0	0	0
15 DEC 2007	13	22	0	0	0	13	11	11	0	0	0
16 DEC 2007	13	22	0	0	0	13	11	11	0	0	0
17 DEC 2007	13	22	0	0	0	13	11	11	0	0	0
18 DEC 2007	11	20	0	0	0	11	10	10	0	0	0
19 DEC 2007	11	20	0	0	0	11	10	10	0	0	0
20 DEC 2007	11	20	0	0	0	11	10	10	0	0	0
21 DEC 2007	11	20	0	0	0	11	10	10	0	0	0
22 DEC 2007	13	22	0	0	0	13	11	11	0	0	0
23 DEC 2007	13	22	0	0	0	13	11	11	0	0	0
24 DEC 2007	13	22	0	0	0	13	11	11	0	0	0
25 DEC 2007	13	22	0	0	0	13	11	11	0	0	0
26 DEC 2007	22	20	0	0	0	11	10	10	0	0	0
27 DEC 2007	22	20	0	0	0	11	10	10	0	0	0
28 DEC 2007	22	20	0	0	0	11	10	10	0	0	0
29 DEC 2007	25	22	0	0	0	13	11	11	0	0	0
30 DEC 2007	25	22	0	0	0	13	11	11	0	0	0
31 DEC 2007	25	22	0	0	0	13	11	11	0	0	0



Exceedance of 30-Day Fecal Coliform Geometric Mean Standard (CFU/100mL)

Station Sample Date	S0	S10	S11	S12	S2	S3	S4	S5	S6	S8	S9
01 DEC 2007											
02 DEC 2007											
03 DEC 2007											
04 DEC 2007	38	16	4	4	10	7	10	30	7	4	6
05 DEC 2007	38	25	4	4	10	7	14	46	7	4	6
06 DEC 2007		41					20	53			
07 DEC 2007		41					20	53			
08 DEC 2007		41					20	53			
09 DEC 2007		41					20	53			
10 DEC 2007		41					20	53			
11 DEC 2007	69	63	7	3	16	13	33	63	13	2	4
12 DEC 2007	69	63	7	3	16	13	33	63	13	2	4
13 DEC 2007		83					58	76			
14 DEC 2007		83					58	76			
15 DEC 2007		83					58	76			
16 DEC 2007		83					58	76			
17 DEC 2007		83					58	76			
18 DEC 2007	79	45	8	3	7	13	33	92	10	2	3
19 DEC 2007	79	45	8	3	7	13	33	92	10	2	3
20 DEC 2007		83					58	198			
21 DEC 2007		83					58	198			
22 DEC 2007		83					58	198			
23 DEC 2007		83					58	198			
24 DEC 2007		83					58	198			
25 DEC 2007		83					58	198			
26 DEC 2007	156	45	7	3	9	24	33	103	14	2	2
27 DEC 2007		83					58	228			
28 DEC 2007		83					58	228			
29 DEC 2007		83					58	228			
30 DEC 2007		83					58	228			
31 DEC 2007		83					58	228			

California State Ocean Plan compliance for geometric means is based on a minimum of 5 samples for any 30-day period. Missing geometric mean values did not meet this minimum.



Shore Station Water Quality Report

Sample Date: 04-DEC-07

Station	Time	TOTAL	FECAL	ENTERO
		CFU/100 mL	CFU/100 mL	CFU/100 mL
S0	1054	13000	820	84
S10	1200	>16000	9000	520
S11	1030	<200	<2	2e
S12	0940	<20	<2	<2
S2	1013	1100	72	24e
S3	0953	3000e	500	22e
S4	1215	>16000	5200	200e
S5	1015	>16000	>12000	2800e
S6	1040	60e	<20	4e
S8	0925	<20	4e	<2
S9	0910	<20	2e	<2

Sample Date: 05-DEC-07

Station	Time	TOTAL	FECAL	ENTERO
		CFU/100 mL	CFU/100 mL	CFU/100 mL
S10	0925	3400e	200e	80e
S4	0915	400e	80	52
S5	1015	4000	380e	160e

Sample Date: 11-DEC-07

Station	Time	TOTAL	FECAL	ENTERO
		CFU/100 mL	CFU/100 mL	CFU/100 mL
S0	1030	3600e	160e	86
S10	1043	5000	560	130
S11	1157	2600e	180e	82
S12	0934	40e	20e	90
S2	1000	360e	22e	12e
S3	0943	780e	100e	64
S4	1027	4200	380e	180e
S5	1205	2600e	140e	84
S6	1145	4200	280e	110
S8	0921	<20	2e	<2
S9	0902	20e	4e	30e



Shore Station Water Quality Report

Sample Date: 18-DEC-07

Station	Time	TOTAL	FECAL	ENTERO
		CFU/100 mL	CFU/100 mL	CFU/100 mL
S0	1050	240e	38e	42
S10	1115	<20	<2	32e
S11	1020	20e	4e	<2
S12	0939	<20	<2	<2
S2	1010	<20	2e	4e
S3	0948	<20	<2	<2
S4	1140	<20	<2	<2
S5	1010	3400e	240e	520
S6	1030	<20	2e	<2
S8	0908	2e	2e	<2
S9	0850	<20	2e	<2

Sample Date: 26-DEC-07

Station	Time	TOTAL	FECAL	ENTERO
		CFU/100 mL	CFU/100 mL	CFU/100 mL
S0	1110	4400	620	42
S10	1203	2e	<2	<2
S11	1014	<20	2e	6e
S12	1118	40e	<2	20e
S2	1030	60e	12e	6e
S3	1012	120e	40	20e
S4	1148	2e	<2	<2
S5	1032	<20	4e	2e
S6	1056	80e	12e	40
S8	0938	<20	2e	2e
S9	0919	6e	2e	2e



Comments

Sample Date	Station	Depth (m)	Parameter	Comments
05-DEC-07	S4			Resample
05-DEC-07	S5			Resample
05-DEC-07	S10			Resample



Visual Observations

Sample Date: 04-DEC-07

Station: S0

Parameter	Value
Arrive Time	1054
Weather	Sunny
Wind Speed Kts	5.0
Wind Dir.	NW
Comments	Water clear
Animal Life	None
Floatables	None
Water Color	Aqua-Green
Wave Ht Low ft	2
High Tide ft	5.2
High Tide Time	0531
Low Tide ft	0.8
Low Tide Time	1230

Station: S2

Parameter	Value
Arrive Time	1013
Weather	Sunny
Wind Speed Kts	5.6
Wind Dir.	NW
Comments	Water clear
Animal Life	None
Floatables	None
Water Color	Aqua-Green
Wave Ht Low ft	2
High Tide ft	5.2
High Tide Time	0531
Low Tide ft	0.8
Low Tide Time	1230

Station: S3

Parameter	Value
Arrive Time	0953
Weather	Sunny
Wind Speed Kts	6.0
Wind Dir.	NW
Comments	Water clear
Animal Life	None
Floatables	None
Water Color	Aqua-Green
Wave Ht Low ft	2
High Tide ft	5.2
High Tide Time	0531
Low Tide ft	0.8
Low Tide Time	1230



Visual Observations

Sample Date: 04-DEC-07

Station: S4

Parameter	Value
Arrive Time	1215
Weather	Sunny
Wind Speed Kts	4.6
Wind Dir.	NW
Comments	Kelp; Seagrass
Animal Life	None
Floatables	None
Water Color	Blue
Wave Ht Low ft	4
High Tide ft	5.2
High Tide Time	0531
Low Tide ft	0.8
Low Tide Time	1230

Station: S5

Parameter	Value
Arrive Time	1015
Weather	Sunny
Wind Speed Kts	6.2
Wind Dir.	NW
Comments	2 Surfers; Kelp
Animal Life	Numerous Shorebirds and Pelicans
Floatables	None
Water Color	Blue
Wave Ht Low ft	5
High Tide ft	5.2
High Tide Time	0531
Low Tide ft	0.8
Low Tide Time	1230

Station: S6

Parameter	Value
Arrive Time	1040
Weather	Sunny
Wind Speed Kts	4.8
Wind Dir.	NW
Comments	2 Surfers; Kelp
Animal Life	None
Floatables	None
Water Color	Blue
Wave Ht Low ft	6
High Tide ft	5.2
High Tide Time	0531
Low Tide ft	0.8
Low Tide Time	1230



Visual Observations

Sample Date: 04-DEC-07

Station: S8

Parameter	Value
Arrive Time	0925
Weather	Sunny
Wind Speed Kts	2.7
Wind Dir.	NW
Comments	Kelp
Animal Life	Shorebirds
Floatables	None
Water Color	Blue
Wave Ht Low ft	1
High Tide ft	5.2
High Tide Time	0531
Low Tide ft	0.8
Low Tide Time	1230

Station: S9

Parameter	Value
Arrive Time	0910
Weather	Sunny
Wind Speed Kts	1.1
Wind Dir.	NW
Comments	3 People; Kelp
Animal Life	None
Floatables	None
Water Color	Blue
Wave Ht Low ft	1
High Tide ft	5.2
High Tide Time	0531
Low Tide ft	0.8
Low Tide Time	1230

Station: S10

Parameter	Value
Arrive Time	1200
Weather	Sunny
Wind Speed Kts	3.9
Wind Dir.	NW
Comments	Kelp; Seagrass
Animal Life	None
Floatables	None
Water Color	Blue
Wave Ht Low ft	5
High Tide ft	5.2
High Tide Time	0531
Low Tide ft	0.8
Low Tide Time	1230



Visual Observations

Sample Date: 04-DEC-07

Station: S11

Parameter	Value
Arrive Time	1030
Weather	Sunny
Wind Speed Kts	5.0
Wind Dir.	NW
Comments	2 Surfers; Kelp
Animal Life	Shorebirds
Floatables	None
Water Color	Blue
Wave Ht Low ft	6
High Tide ft	5.2
High Tide Time	0531
Low Tide ft	0.8
Low Tide Time	1230

Station: S12

Parameter	Value
Arrive Time	0940
Weather	Sunny
Wind Speed Kts	4.7
Wind Dir.	NW
Comments	Kelp; Seagrass
Animal Life	None
Floatables	None
Water Color	Blue
Wave Ht Low ft	3
High Tide ft	5.2
High Tide Time	0531
Low Tide ft	0.8
Low Tide Time	1230



Visual Observations

Sample Date: 05-DEC-07

Station: S4

Parameter	Value
Arrive Time	0915
Weather	Sunny
Wind Speed Kts	3.5
Wind Dir.	NW
Comments	Resample; Water clear; Kelp
Animal Life	None
Floatables	None
Water Color	Blue
Wave Ht Low ft	12
High Tide ft	5.3
High Tide Time	0558
Low Tide ft	0.4
Low Tide Time	1307

Station: S5

Parameter	Value
Arrive Time	1015
Weather	Sunny
Wind Speed Kts	4.9
Wind Dir.	NW
Comments	Resample; 2 People; Water cloudy; Kelp; debris
Animal Life	Shorebirds
Floatables	None
Water Color	Blue
Wave Ht Low ft	10
High Tide ft	5.3
High Tide Time	0558
Low Tide ft	0.4
Low Tide Time	1307

Station: S10

Parameter	Value
Arrive Time	0925
Weather	Sunny
Wind Speed Kts	3.9
Wind Dir.	NW
Comments	Resample; Water clear; Kelp
Animal Life	None
Floatables	None
Water Color	Blue
Wave Ht Low ft	12
High Tide ft	5.3
High Tide Time	0558
Low Tide ft	0.4
Low Tide Time	1307



Visual Observations

Sample Date: 11-DEC-07

Station: S0

Parameter	Value
Arrive Time	1030
Weather	Overcast
Wind Speed Kts	2.7
Wind Dir.	NW
Comments	Water clear; Kelp
Animal Life	None
Floatables	None
Water Color	Green
Wave Ht Low ft	3
High Tide ft	5.8
High Tide Time	0855
Low Tide ft	-0.6
Low Tide Time	1631

Station: S2

Parameter	Value
Arrive Time	1000
Weather	Overcast
Wind Speed Kts	0.0
Wind Dir.	XX
Comments	Water turbid; Kelp
Animal Life	None
Floatables	None
Water Color	Green
Wave Ht Low ft	4
High Tide ft	5.8
High Tide Time	0855
Low Tide ft	-0.6
Low Tide Time	1631

Station: S3

Parameter	Value
Arrive Time	0943
Weather	Overcast
Wind Speed Kts	1.0
Wind Dir.	NW
Comments	Water turbid; Kelp
Animal Life	20 Birds
Floatables	None
Water Color	Brown
Wave Ht Low ft	4
High Tide ft	5.8
High Tide Time	0855
Low Tide ft	-0.6
Low Tide Time	1631



Visual Observations

Sample Date: 11-DEC-07

Station: S4

Parameter	Value
Arrive Time	1027
Weather	Cloudy
Wind Speed Kts	6.0
Wind Dir.	SW
Comments	Kelp
Animal Life	4 Seagulls
Floatables	None
Water Color	Green
Wave Ht Low ft	2
High Tide ft	5.8
High Tide Time	0855
Low Tide ft	-0.6
Low Tide Time	1631

Station: S5

Parameter	Value
Arrive Time	1205
Weather	Partly Cloudy
Wind Speed Kts	8.0
Wind Dir.	E
Comments	Kelp
Animal Life	None
Floatables	None
Water Color	Green
Wave Ht Low ft	2
High Tide ft	5.8
High Tide Time	0855
Low Tide ft	-0.6
Low Tide Time	1631

Station: S6

Parameter	Value
Arrive Time	1145
Weather	Partly Cloudy
Wind Speed Kts	4.0
Wind Dir.	E
Comments	Kelp
Animal Life	None
Floatables	None
Water Color	Green
Wave Ht Low ft	2
High Tide ft	5.8
High Tide Time	0855
Low Tide ft	-0.6
Low Tide Time	1631



Visual Observations

Sample Date: 11-DEC-07

Station: S8

Parameter	Value
Arrive Time	0921
Weather	Partly Cloudy
Wind Speed Kts	4.0
Wind Dir.	S
Comments	Kelp
Animal Life	None
Floatables	None
Water Color	Green
Wave Ht Low ft	2
High Tide ft	5.8
High Tide Time	0855
Low Tide ft	-0.6
Low Tide Time	1631

Station: S9

Parameter	Value
Arrive Time	0902
Weather	Partly Cloudy
Wind Speed Kts	4.0
Wind Dir.	SW
Comments	Kelp; Odor of sewage
Animal Life	None
Floatables	None
Water Color	Green
Wave Ht Low ft	2
High Tide ft	5.8
High Tide Time	0855
Low Tide ft	-0.6
Low Tide Time	1631

Station: S10

Parameter	Value
Arrive Time	1043
Weather	Partly Cloudy
Wind Speed Kts	6.0
Wind Dir.	S
Comments	Kelp
Animal Life	None
Floatables	None
Water Color	Green
Wave Ht Low ft	2
High Tide ft	5.8
High Tide Time	0855
Low Tide ft	-0.6
Low Tide Time	1631



Visual Observations

Sample Date: 11-DEC-07

Station: S11

Parameter	Value
Arrive Time	1157
Weather	Partly Cloudy
Wind Speed Kts	8.0
Wind Dir.	E
Comments	Kelp
Animal Life	None
Floatables	None
Water Color	Green
Wave Ht Low ft	2
High Tide ft	5.8
High Tide Time	0855
Low Tide ft	-0.6
Low Tide Time	1631

Station: S12

Parameter	Value
Arrive Time	0934
Weather	Partly Cloudy
Wind Speed Kts	3.0
Wind Dir.	SW
Comments	Kelp
Animal Life	2 Seagulls
Floatables	None
Water Color	Green
Wave Ht Low ft	2
High Tide ft	5.8
High Tide Time	0855
Low Tide ft	-0.6
Low Tide Time	1631



Visual Observations

Sample Date: 18-DEC-07

Station: S0

Parameter	Value
Arrive Time	1050
Weather	Sunny
Wind Speed Kts	6.0
Wind Dir.	NW
Comments	Kelp
Animal Life	None
Floatables	None
Water Color	Green
Wave Ht Low ft	3
High Tide ft	4.9
High Tide Time	0349
Low Tide ft	1.3
Low Tide Time	1043

Station: S2

Parameter	Value
Arrive Time	1010
Weather	Sunny
Wind Speed Kts	3.0
Wind Dir.	NW
Comments	Kelp
Animal Life	None
Floatables	None
Water Color	Green
Wave Ht Low ft	3
High Tide ft	4.9
High Tide Time	0349
Low Tide ft	1.3
Low Tide Time	1043

Station: S3

Parameter	Value
Arrive Time	0948
Weather	Partly Cloudy
Wind Speed Kts	1.7
Wind Dir.	NW
Comments	Kelp
Animal Life	None
Floatables	None
Water Color	Green
Wave Ht Low ft	2
High Tide ft	4.9
High Tide Time	0349
Low Tide ft	1.3
Low Tide Time	1043



Visual Observations

Sample Date: 18-DEC-07

Station: S4

Parameter	Value
Arrive Time	1140
Weather	Sunny
Wind Speed Kts	3.8
Wind Dir.	NW
Comments	Kelp; Seagrass
Animal Life	13 Shorebirds
Floatables	None
Water Color	Green
Wave Ht Low ft	7
High Tide ft	4.9
High Tide Time	0349
Low Tide ft	1.3
Low Tide Time	1043

Station: S5

Parameter	Value
Arrive Time	1010
Weather	Sunny
Wind Speed Kts	4.8
Wind Dir.	N
Comments	Kelp; Seagrass
Animal Life	>20 Shorebirds
Floatables	None
Water Color	Green
Wave Ht Low ft	3
High Tide ft	4.9
High Tide Time	0349
Low Tide ft	1.3
Low Tide Time	1043

Station: S6

Parameter	Value
Arrive Time	1030
Weather	Sunny
Wind Speed Kts	3.3
Wind Dir.	N
Comments	>20 People; Kelp; Seagrass
Animal Life	7 Shorebirds
Floatables	None
Water Color	Green
Wave Ht Low ft	7
High Tide ft	4.9
High Tide Time	0349
Low Tide ft	1.3
Low Tide Time	1043



Visual Observations

Sample Date: 18-DEC-07

Station: S8

Parameter	Value
Arrive Time	0908
Weather	Partly Cloudy
Wind Speed Kts	3.3
Wind Dir.	N
Comments	1 Person; Kelp; Seagrass
Animal Life	7 Shorebirds
Floatables	None
Water Color	Green
Wave Ht Low ft	3
High Tide ft	4.9
High Tide Time	0349
Low Tide ft	1.3
Low Tide Time	1043
Station: S9	

Parameter	Value
Arrive Time	0850
Weather	Partly Cloudy
Wind Speed Kts	1.3
Wind Dir.	NW
Comments	Kelp; Seagrass
Animal Life	15 Shorebirds
Floatables	None
Water Color	Green
Wave Ht Low ft	3
High Tide ft	4.9
High Tide Time	0349
Low Tide ft	1.3
Low Tide Time	1043
Station: S10	

Parameter	Value
Arrive Time	1115
Weather	Sunny
Wind Speed Kts	4.6
Wind Dir.	NW
Comments	Kelp; Seagrass
Animal Life	1 Shorebird
Floatables	None
Water Color	Green
Wave Ht Low ft	5
High Tide ft	4.9
High Tide Time	0349
Low Tide ft	1.3
Low Tide Time	1043



Visual Observations

Sample Date: 18-DEC-07

Station: S11

Parameter	Value
Arrive Time	1020
Weather	Sunny
Wind Speed Kts	3.1
Wind Dir.	N
Comments	3 People; Kelp; Seagrass
Animal Life	3 Shorebirds
Floatables	None
Water Color	Green
Wave Ht Low ft	7
High Tide ft	4.9
High Tide Time	0349
Low Tide ft	1.3
Low Tide Time	1043

Station: S12

Parameter	Value
Arrive Time	0939
Weather	Sunny
Wind Speed Kts	2.1
Wind Dir.	N
Comments	2 People; Kelp; Seagrass
Animal Life	1 Dog; >20 Shorebirds
Floatables	None
Water Color	Green
Wave Ht Low ft	3
High Tide ft	4.9
High Tide Time	0349
Low Tide ft	1.3
Low Tide Time	1043



Visual Observations

Sample Date: 26-DEC-07

Station: S0

Parameter	Value
Arrive Time	1110
Weather	Sunny
Wind Speed Kts	7.8
Wind Dir.	SW
Comments	3 People; Kelp; Seagrass
Animal Life	1 Dog; 7 Shorebirds
Floatables	None
Water Color	Green
Wave Ht Low ft	7
High Tide ft	6.3
High Tide Time	0953
Low Tide ft	-1.1
Low Tide Time	1715

Station: S2

Parameter	Value
Arrive Time	1030
Weather	Sunny
Wind Speed Kts	8.7
Wind Dir.	SW
Comments	1 Person; Kelp; Seagrass
Animal Life	>20 Shorebirds
Floatables	None
Water Color	Green
Wave Ht Low ft	7
High Tide ft	6.3
High Tide Time	0953
Low Tide ft	-1.1
Low Tide Time	1715

Station: S3

Parameter	Value
Arrive Time	1012
Weather	Sunny
Wind Speed Kts	5.7
Wind Dir.	SW
Comments	7 People; Kelp; Seagrass
Animal Life	None
Floatables	None
Water Color	Green
Wave Ht Low ft	7
High Tide ft	6.3
High Tide Time	0953
Low Tide ft	-1.1
Low Tide Time	1715



Visual Observations

Sample Date: 26-DEC-07

Station: S4

Parameter	Value
Arrive Time	1148
Weather	Sunny
Wind Speed Kts	9.0
Wind Dir.	SW
Comments	Kelp; Debris
Animal Life	None
Floatables	None
Water Color	Green
Wave Ht Low ft	3
High Tide ft	6.3
High Tide Time	0953
Low Tide ft	-1.1
Low Tide Time	1715

Station: S5

Parameter	Value
Arrive Time	1032
Weather	Sunny
Wind Speed Kts	6.0
Wind Dir.	SW
Comments	1 Fisherman
Animal Life	Flock of seagulls and marbled godwits
Floatables	None
Water Color	Green
Wave Ht Low ft	2
High Tide ft	6.3
High Tide Time	0953
Low Tide ft	-1.1
Low Tide Time	1715

Station: S6

Parameter	Value
Arrive Time	1056
Weather	Sunny
Wind Speed Kts	6.0
Wind Dir.	SW
Comments	Kelp; Contaminated water sign posted
Animal Life	Flock of seagulls and marbled godwits
Floatables	None
Water Color	Green
Wave Ht Low ft	2
High Tide ft	6.3
High Tide Time	0953
Low Tide ft	-1.1
Low Tide Time	1715



Visual Observations

Sample Date: 26-DEC-07

Station: S8

Parameter	Value
Arrive Time	0938
Weather	Sunny
Wind Speed Kts	3.0
Wind Dir.	W
Comments	Foam; 2 Surfers
Animal Life	5 Seagulls
Floatables	None
Water Color	Green
Wave Ht Low ft	3
High Tide ft	6.3
High Tide Time	0953
Low Tide ft	-1.1
Low Tide Time	1715

Station: S9

Parameter	Value
Arrive Time	0919
Weather	Sunny
Wind Speed Kts	1.0
Wind Dir.	W
Comments	5 People
Animal Life	None
Floatables	None
Water Color	Green
Wave Ht Low ft	2
High Tide ft	6.3
High Tide Time	0953
Low Tide ft	-1.1
Low Tide Time	1715

Station: S10

Parameter	Value
Arrive Time	1203
Weather	Sunny
Wind Speed Kts	6.9
Wind Dir.	SW
Comments	Contaminated water sign posted
Animal Life	None
Floatables	None
Water Color	Green
Wave Ht Low ft	3
High Tide ft	6.3
High Tide Time	0953
Low Tide ft	-1.1
Low Tide Time	1715



Visual Observations

Sample Date: 26-DEC-07

Station: S11

Parameter	Value
Arrive Time	1014
Weather	Sunny
Wind Speed Kts	5.0
Wind Dir.	SW
Comments	Kelp
Animal Life	Flock of seagulls and marbled godwits
Floatables	None
Water Color	Green
Wave Ht Low ft	3
High Tide ft	6.3
High Tide Time	0953
Low Tide ft	-1.1
Low Tide Time	1715

Station: S12

Parameter	Value
Arrive Time	1118
Weather	Sunny
Wind Speed Kts	33.0
Wind Dir.	SW
Comments	3 Surfers; 1 Person
Animal Life	2 Dogs
Floatables	None
Water Color	Green
Wave Ht Low ft	3
High Tide ft	6.3
High Tide Time	0953
Low Tide ft	-1.1
Low Tide Time	1715

***KELP
WATER QUALITY STATIONS***



Exceedance of 30-Day Total Coliform Standard (% by station)

Sample Date	I25	I26	I39
01 DEC 2007	0	0	0
02 DEC 2007	0	0	0
03 DEC 2007	0	0	0
04 DEC 2007	0	0	0
05 DEC 2007	0	0	0
06 DEC 2007	0	0	0
07 DEC 2007	0	0	0
08 DEC 2007	0	0	0
09 DEC 2007	0	0	0
10 DEC 2007	0	0	0
11 DEC 2007	0	0	0
12 DEC 2007	0	0	0
13 DEC 2007	0	0	0
14 DEC 2007	0	0	0
15 DEC 2007	0	0	0
16 DEC 2007	0	0	0
17 DEC 2007	0	0	0
18 DEC 2007	0	0	0
19 DEC 2007	0	0	0
20 DEC 2007	0	0	0
21 DEC 2007	0	0	0
22 DEC 2007	0	0	0
23 DEC 2007	0	0	0
24 DEC 2007	0	0	0
25 DEC 2007	0	0	0
26 DEC 2007	0	0	0
27 DEC 2007	0	0	0
28 DEC 2007	0	0	0
29 DEC 2007	0	0	0
30 DEC 2007	0	0	0
31 DEC 2007	0	0	0



Exceedance of 10,000 CFU/100 mL Total Coliform Standard (No. of samples)

Sample Date	Station I25	Station I26	Station I39
01 DEC 2007	0	0	0
02 DEC 2007	0	0	0
03 DEC 2007	0	0	0
04 DEC 2007	0	0	0
05 DEC 2007	0	0	0
06 DEC 2007	0	0	0
07 DEC 2007	0	0	0
08 DEC 2007	0	0	0
09 DEC 2007	0	0	0
10 DEC 2007	0	0	0
11 DEC 2007	0	0	0
12 DEC 2007	0	0	0
13 DEC 2007	0	0	0
14 DEC 2007	0	0	0
15 DEC 2007	0	0	0
16 DEC 2007	0	0	0
17 DEC 2007	0	0	0
18 DEC 2007	0	0	0
19 DEC 2007	0	0	0
20 DEC 2007	0	0	0
21 DEC 2007	0	0	0
22 DEC 2007	0	0	0
23 DEC 2007	0	0	0
24 DEC 2007	0	0	0
25 DEC 2007	0	0	0
26 DEC 2007	0	0	0
27 DEC 2007	0	0	0
28 DEC 2007	0	0	0
29 DEC 2007	0	0	0
30 DEC 2007	0	0	0
31 DEC 2007	0	0	0



Exceedance of 60-Day Fecal Coliform Standard (% by station)

Sample Date	Station I25	Station I26	Station I39
01 DEC 2007	0	0	0
02 DEC 2007	0	0	0
03 DEC 2007	0	0	0
04 DEC 2007	0	0	0
05 DEC 2007	0	0	0
06 DEC 2007	0	0	0
07 DEC 2007	0	0	0
08 DEC 2007	0	0	0
09 DEC 2007	0	0	0
10 DEC 2007	0	0	0
11 DEC 2007	0	0	0
12 DEC 2007	0	0	0
13 DEC 2007	0	0	0
14 DEC 2007	0	0	0
15 DEC 2007	0	0	0
16 DEC 2007	0	0	0
17 DEC 2007	0	0	0
18 DEC 2007	0	0	0
19 DEC 2007	0	0	0
20 DEC 2007	0	0	0
21 DEC 2007	0	0	0
22 DEC 2007	0	0	0
23 DEC 2007	0	0	0
24 DEC 2007	0	0	0
25 DEC 2007	0	0	0
26 DEC 2007	0	0	0
27 DEC 2007	0	0	0
28 DEC 2007	0	0	0
29 DEC 2007	0	0	0
30 DEC 2007	0	0	0
31 DEC 2007	0	0	0



Exceedance of 30-Day Fecal Coliform Geometric Mean Standard (CFU/100mL)

Station	I25	I26	I39
Sample Date			
01 DEC 2007	2	2	2
02 DEC 2007			
03 DEC 2007			
04 DEC 2007	2	2	2
05 DEC 2007	2	2	2
06 DEC 2007			
07 DEC 2007			
08 DEC 2007			
09 DEC 2007			
10 DEC 2007			
11 DEC 2007			
12 DEC 2007	3	2	2
13 DEC 2007	3	2	2
14 DEC 2007			
15 DEC 2007			
16 DEC 2007	3	2	2
17 DEC 2007	3	2	2
18 DEC 2007	3	2	2
19 DEC 2007	3	2	2
20 DEC 2007			
21 DEC 2007	3	2	2
22 DEC 2007	3	2	2
23 DEC 2007	3	2	2
24 DEC 2007	3	2	2
25 DEC 2007	3	2	2
26 DEC 2007			
27 DEC 2007			
28 DEC 2007			
29 DEC 2007	3	2	2
30 DEC 2007	3	2	2
31 DEC 2007	3	2	2

California State Ocean Plan compliance for geometric means is based on a minimum of 5 samples for any 30-day period. Missing geometric mean values did not meet this minimum.



Kelp Station Water Quality Data

Sample Date: 04-DEC-07

Station	Time	Depth (m)	TOTAL CFU/100 mL	FECAL CFU/100 mL	ENTERO CFU/100 mL	TEMP C	XMS %	DO mg/L	SAL ppt	PH
I25	0826	2	2e	<2	<2	15.7	78	7.6	33.48	8.2
		6	2e	<2	<2	15.7	77	6.2	33.48	8.2
		9	2e	<2	<2	15.7	76	6.8	33.49	8.2
I26	0814	2	<2	<2	<2	15.6	76	7.7	33.47	8.2
		6	<2	<2	<2	15.6	76	7.8	33.47	8.2
		9	<2	<2	<2	15.6	76	7.7	33.47	8.2
I39	0758	2	<2	<2	<2	15.1	81	7.7	33.49	8.2
		12	<2	<2	<2	14.1	76	7.1	33.43	8.1
		18	<2	<2	2e	13.6	80	7.1	33.41	8.1

Sample Date: 12-DEC-07

Station	Time	Depth (m)	TOTAL CFU/100 mL	FECAL CFU/100 mL	ENTERO CFU/100 mL	TEMP C	XMS %	DO mg/L	SAL ppt	PH
I25	1118	2	120e	14e	2e	14.5	77	7.6	33.38	8.1
		6	200e	14e	<2	14.3	77	7.4	33.37	8.0
		9	440	22e	2e	14.3	77	7.3	33.38	8.0
I26	1129	2	22e	2e	<2	14.5	76	7.8	33.42	8.1
		6	500	4e	<2	14.4	75	7.7	33.42	8.1
		9	200e	6e	<2	14.3	75	7.7	33.41	8.1
I39	1105	2	<2	<2	<2	14.7	79	7.4	33.46	8.0
		12	<2	<2	<2	14.6	77	7.3	33.46	8.0
		18	<2	<2	<2	14.6	76	7.3	33.45	8.0



Kelp Station Water Quality Data

Sample Date: 16-DEC-07

Station	Time	Depth (m)	TOTAL CFU/100 mL	FECAL CFU/100 mL	ENTERO CFU/100 mL	TEMP C	XMS %	DO mg/L	SAL ppt	PH
I25	1056	2	<2	<2	<2	14.3	74	8.2	33.50	8.1
		6	2e	2e	2e	14.2	72	8.1	33.50	8.1
		9	8e	<2	<2	14.2	73	7.8	33.49	8.1
I26	1107	2	<2	<2	<2	14.4	75	8.1	33.51	8.1
		6	4e	<2	<2	14.3	71	8.0	33.50	8.1
		9	4e	<2	<2	14.3	71	7.9	33.50	8.1
I39	1041	2	<2	<2	<2	14.4	73	7.9	33.49	8.1
		12	10e	<2	<2	14.3	72	7.8	33.49	8.1
		18	14e	<2	<2	14.3	72	7.6	33.48	8.1

Sample Date: 21-DEC-07

Station	Time	Depth (m)	TOTAL CFU/100 mL	FECAL CFU/100 mL	ENTERO CFU/100 mL	TEMP C	XMS %	DO mg/L	SAL ppt	PH
I25	1032	2	<2	<2	<2	14.6	71	8.0	33.50	8.1
		6	<2	<2	<2	14.6	71	8.0	33.50	8.1
		9	<2	<2	<2	14.5	68	7.9	33.50	8.1
I26	1044	2	<2	<2	<2	14.5	69	8.3	33.50	8.2
		6	2e	<2	<2	14.4	63	8.1	33.50	8.1
		9	<2	6e	<2	14.4	54	7.9	33.49	8.1
I39	1019	2	4e	<2	<2	14.6	78	8.3	33.50	8.1
		12	<20	<2	<2	13.7	67	6.8	33.45	8.0
		18	<20	<2	<2	13.6	51	6.5	33.44	8.0



Kelp Station Water Quality Data

Sample Date: 29-DEC-07

Station	Time	Depth (m)	TOTAL CFU/100 mL	FECAL CFU/100 mL	ENTERO CFU/100 mL	TEMP C	XMS %	DO mg/L	SAL ppt	PH
I25	1046	2	<2	<2	<2	13.0	74	7.9	33.51	8.1
		6	<2	<2	<2	12.6	71	6.8	33.51	8.1
		9	<20	<2	<2	12.5	53	6.0	33.49	8.0
I26	1056	2	<2	<2	<2	13.1	77	7.7	33.51	8.1
		6	<2	<2	<2	13.0	73	7.6	33.51	8.1
		9	<2	<2	4e	13.0	72	7.5	33.51	8.1
I39	1032	2	<20	<2	<2	13.0	75	7.7	33.51	8.1
		12	2e	<2	<2	12.0	72	5.5	33.56	8.0
		18	<2	<2	<2	11.8	35	4.8	33.58	7.9



Visual Observations

Sample Date: 04-DEC-07

Station: I25

Parameter	Value
Depth m	9
Arrive Time	0826
Depart Time	0831
Air Temp C	14.0
Weather	Clear
Visibility mi	13
Wind Speed Kts	1.0
Wind Dir.	W
Comments	Kelp
Water Color	Green
Wave Ht Low ft	4
Wave Period sec	4
High Tide ft	5.2
High Tide Time	0531
Low Tide ft	0.8
Low Tide Time	1230
Sea State	Wind ripples

Station: I26

Parameter	Value
Depth m	11
Arrive Time	0814
Depart Time	0820
Air Temp C	13.0
Weather	Clear
Visibility mi	13
Wind Speed Kts	5.0
Wind Dir.	NE
Water Color	Green
Wave Ht Low ft	4
Wave Period sec	4
High Tide ft	5.2
High Tide Time	0531
Low Tide ft	0.8
Low Tide Time	1230
Sea State	Wind ripples



Visual Observations

Sample Date: 04-DEC-07

Station: I39

Parameter	Value
Depth m	19
Arrive Time	0758
Depart Time	0802
Air Temp C	13.0
Weather	Clear
Visibility mi	13
Wind Speed Kts	5.0
Wind Dir.	N
Comments	Lobster boat
Water Color	Green
Wave Ht Low ft	4
Wave Period sec	4
High Tide ft	5.2
High Tide Time	0531
Low Tide ft	0.8
Low Tide Time	1230
Sea State	Calm



Visual Observations

Sample Date: 12-DEC-07

Station: I25

Parameter	Value
Depth m	9
Arrive Time	1118
Depart Time	1124
Air Temp C	15.0
Weather	Clear
Visibility mi	14
Wind Speed Kts	3.0
Wind Dir.	E
Water Color	Green
Wave Ht Low ft	2
Wave Period sec	7
High Tide ft	5.7
High Tide Time	0929
Low Tide ft	2.5
Low Tide Time	0314
Sea State	Calm

Station: I26

Parameter	Value
Depth m	10
Arrive Time	1129
Depart Time	1136
Air Temp C	15.0
Weather	Clear
Visibility mi	14
Wind Speed Kts	6.0
Wind Dir.	NW
Water Color	Green
Wave Ht Low ft	2
Wave Period sec	7
High Tide ft	5.7
High Tide Time	0929
Low Tide ft	2.5
Low Tide Time	0314
Sea State	Calm



Visual Observations

Sample Date: 12-DEC-07

Station: I39

Parameter	Value
Depth m	20
Arrive Time	1105
Depart Time	1112
Air Temp C	16.0
Weather	Clear
Visibility mi	14
Wind Speed Kts	2.0
Wind Dir.	SE
Water Color	Green
Wave Ht Low ft	2
Wave Period sec	7
High Tide ft	5.7
High Tide Time	0929
Low Tide ft	2.5
Low Tide Time	0314
Sea State	Calm



Visual Observations

Sample Date: 16-DEC-07

Station: I25

Parameter	Value
Depth m	9
Arrive Time	1056
Depart Time	1101
Air Temp C	15.0
Weather	Partly Cloudy
Visibility mi	17
Wind Speed Kts	3.0
Wind Dir.	S
Comments	Kelp
Water Color	Green
Wave Ht Low ft	2
Wave Period sec	9
High Tide ft	4.0
High Tide Time	1300
Low Tide ft	2.6
Low Tide Time	0746
Sea State	Calm

Station: I26

Parameter	Value
Depth m	9
Arrive Time	1107
Depart Time	1114
Air Temp C	15.0
Weather	Partly Cloudy
Visibility mi	17
Wind Speed Kts	3.0
Wind Dir.	N
Water Color	Green
Wave Ht Low ft	2
Wave Period sec	9
High Tide ft	4.0
High Tide Time	1300
Low Tide ft	2.6
Low Tide Time	0746
Sea State	Calm



Visual Observations

Sample Date: 16-DEC-07

Station: I39

Parameter	Value
Depth m	19
Arrive Time	1041
Depart Time	1048
Air Temp C	15.0
Weather	Partly Cloudy
Visibility mi	17
Wind Speed Kts	1.0
Wind Dir.	S
Comments	Kelp debris
Water Color	Green
Wave Ht Low ft	2
Wave Period sec	9
High Tide ft	4.0
High Tide Time	1300
Low Tide ft	2.6
Low Tide Time	0746
Sea State	Calm



Visual Observations

Sample Date: 21-DEC-07

Station: I25

Parameter	Value
Depth m	9
Arrive Time	1032
Depart Time	1039
Air Temp C	14.0
Weather	Clear
Visibility mi	17
Wind Speed Kts	0.0
Wind Dir.	XX
Comments	Kelp
Water Color	Green
Wave Ht Low ft	3
Wave Period sec	4
High Tide ft	6.4
High Tide Time	0602
Low Tide ft	-1.1
Low Tide Time	1329
Sea State	Confused swell

Station: I26

Parameter	Value
Depth m	9
Arrive Time	1044
Depart Time	1050
Air Temp C	14.0
Weather	Clear
Visibility mi	17
Wind Speed Kts	1.0
Wind Dir.	S
Water Color	Green
Wave Ht Low ft	3
Wave Period sec	4
High Tide ft	6.4
High Tide Time	0602
Low Tide ft	-1.1
Low Tide Time	1329
Sea State	Confused swell



Visual Observations

Sample Date: 21-DEC-07

Station: I39

Parameter	Value
Depth m	18
Arrive Time	1019
Depart Time	1025
Air Temp C	13.0
Weather	Clear
Visibility mi	17
Wind Speed Kts	0.0
Wind Dir.	XX
Comments	Kelp debris
Water Color	Green
Wave Ht Low ft	3
Wave Period sec	4
High Tide ft	6.4
High Tide Time	0602
Low Tide ft	-1.1
Low Tide Time	1329
Sea State	Confused swell



Visual Observations

Sample Date: 29-DEC-07

Station: I25

Parameter	Value
Depth m	9
Arrive Time	1046
Depart Time	1051
Air Temp C	12.0
Weather	Partly Cloudy
Visibility mi	8
Wind Speed Kts	1.0
Wind Dir.	S
Water Color	Green
Wave Ht Low ft	2
Wave Period sec	4
High Tide ft	4.1
High Tide Time	1223
Low Tide ft	2.3
Low Tide Time	0656
Sea State	Calm

Station: I26

Parameter	Value
Depth m	10
Arrive Time	1056
Depart Time	1102
Air Temp C	13.0
Weather	Partly Cloudy
Visibility mi	8
Wind Speed Kts	2.0
Wind Dir.	SW
Water Color	Green
Wave Ht Low ft	2
Wave Period sec	4
High Tide ft	4.1
High Tide Time	1223
Low Tide ft	2.3
Low Tide Time	0656
Sea State	Calm



Visual Observations

Sample Date: 29-DEC-07

Station: I39

Parameter	Value
Depth m	18
Arrive Time	1032
Depart Time	1038
Air Temp C	12.0
Weather	Continuous layer of clouds
Visibility mi	8
Wind Speed Kts	1.0
Wind Dir.	NW
Water Color	Green
Wave Ht Low ft	2
Wave Period sec	4
High Tide ft	4.1
High Tide Time	1223
Low Tide ft	2.3
Low Tide Time	0656
Sea State	Calm

CTD PROFILE DATA

STN	DATE	DEPTH m	TEMP deg C	XMS %	DO mg/L	SAL ppt	pH	DENSITY sigma-t	CHLOR ug/L
I25	20071212	1	14.5	78	7.6	33.4	8.1	24.8	1.45
I25	20071212	2	14.5	77	7.6	33.4	8.1	24.8	1.57
I25	20071212	3	14.4	77	7.5	33.4	8.1	24.9	1.79
I25	20071212	4	14.4	76	7.5	33.4	8.1	24.9	2.30
I25	20071212	5	14.3	76	7.4	33.4	8.1	24.9	3.19
I25	20071212	6	14.3	77	7.4	33.4	8.0	24.9	3.59
I25	20071212	7	14.3	77	7.4	33.4	8.0	24.9	3.66
I25	20071212	8	14.3	77	7.4	33.4	8.0	24.9	3.39
I25	20071212	9	14.3	77	7.3	33.4	8.0	24.9	3.08
I25	20071216	1	14.4	74	8.2	33.5	8.1	24.9	4.14
I25	20071216	2	14.3	74	8.2	33.5	8.1	25.0	4.07
I25	20071216	3	14.3	74	8.2	33.5	8.1	25.0	5.08
I25	20071216	4	14.3	73	8.2	33.5	8.1	25.0	7.23
I25	20071216	5	14.2	72	8.1	33.5	8.1	25.0	9.35
I25	20071216	6	14.2	72	8.1	33.5	8.1	25.0	11.46
I25	20071216	7	14.2	72	8.0	33.5	8.1	25.0	10.98
I25	20071216	8	14.2	73	7.9	33.5	8.1	25.0	8.71
I25	20071216	9	14.2	73	7.8	33.5	8.1	25.0	7.16
I25	20071221	1	14.6	72	8.1	33.5	8.1	24.9	4.92
I25	20071221	2	14.6	71	8.0	33.5	8.1	24.9	4.96
I25	20071221	3	14.6	71	8.0	33.5	8.1	24.9	4.99
I25	20071221	4	14.6	70	8.0	33.5	8.1	24.9	5.70
I25	20071221	5	14.6	70	8.0	33.5	8.1	24.9	5.97
I25	20071221	6	14.6	71	8.0	33.5	8.1	24.9	5.90
I25	20071221	7	14.5	71	8.0	33.5	8.1	24.9	5.94
I25	20071221	8	14.5	69	7.9	33.5	8.1	24.9	5.96
I25	20071221	9	14.5	68	7.9	33.5	8.1	24.9	6.07
I25	20071229	1	13.1	74	7.9	33.5	8.1	25.2	2.64
I25	20071229	2	13.0	74	7.9	33.5	8.1	25.2	2.75
I25	20071229	3	13.0	74	7.8	33.5	8.1	25.2	3.35
I25	20071229	4	12.9	74	7.6	33.5	8.1	25.3	4.03
I25	20071229	5	12.8	72	7.3	33.5	8.1	25.3	4.80
I25	20071229	6	12.6	71	6.8	33.5	8.1	25.3	5.57
I25	20071229	7	12.5	66	6.3	33.5	8.0	25.3	5.29
I25	20071229	8	12.5	58	6.1	33.5	8.0	25.3	4.88
I25	20071229	9	12.5	53	6.0	33.5	8.0	25.3	4.10
I26	20071212	1	14.6	76	7.7	33.4	8.1	24.8	1.63
I26	20071212	2	14.5	76	7.8	33.4	8.1	24.9	1.70
I26	20071212	3	14.4	75	7.8	33.4	8.1	24.9	3.05
I26	20071212	4	14.4	74	7.8	33.4	8.1	24.9	4.89
I26	20071212	5	14.4	74	7.8	33.4	8.1	24.9	5.17
I26	20071212	6	14.4	75	7.7	33.4	8.1	24.9	4.62
I26	20071212	7	14.3	75	7.7	33.4	8.1	24.9	4.39
I26	20071212	8	14.3	75	7.7	33.4	8.1	24.9	4.38
I26	20071212	9	14.3	75	7.7	33.4	8.1	24.9	4.00

CTD PROFILE DATA

STN	DATE	DEPTH m	TEMP deg C	XMS %	DO mg/L	SAL ppt	pH	DENSITY sigma-t	CHLOR ug/L
I26	20071212	10	14.4	74	7.7	33.4	8.1	24.9	4.00
I26	20071216	1	14.6	75	8.1	33.5	8.1	24.9	2.75
I26	20071216	2	14.4	75	8.1	33.5	8.1	24.9	2.83
I26	20071216	3	14.4	74	8.0	33.5	8.1	25.0	3.70
I26	20071216	4	14.3	73	8.0	33.5	8.1	25.0	5.32
I26	20071216	5	14.3	72	8.0	33.5	8.1	25.0	7.94
I26	20071216	6	14.3	71	8.0	33.5	8.1	25.0	10.26
I26	20071216	7	14.3	71	8.0	33.5	8.1	25.0	9.80
I26	20071216	8	14.3	71	7.9	33.5	8.1	25.0	8.48
I26	20071216	9	14.3	71	7.9	33.5	8.1	25.0	8.02
I26	20071216	10	14.3	70	7.9	33.5	8.1	25.0	6.56
I26	20071221	1	14.6	68	8.3	33.5	8.2	24.9	3.10
I26	20071221	2	14.5	69	8.3	33.5	8.2	24.9	3.56
I26	20071221	3	14.5	69	8.2	33.5	8.2	24.9	5.42
I26	20071221	4	14.5	66	8.1	33.5	8.2	24.9	7.69
I26	20071221	5	14.4	64	8.1	33.5	8.1	24.9	8.91
I26	20071221	6	14.4	63	8.1	33.5	8.1	24.9	8.86
I26	20071221	7	14.4	62	8.0	33.5	8.1	24.9	8.67
I26	20071221	8	14.4	58	8.0	33.5	8.1	24.9	7.88
I26	20071221	9	14.4	54	7.9	33.5	8.1	24.9	6.35
I26	20071229	1	13.3	79	7.7	33.5	8.1	25.2	2.01
I26	20071229	2	13.1	77	7.7	33.5	8.1	25.2	2.30
I26	20071229	3	13.1	75	7.7	33.5	8.1	25.2	2.96
I26	20071229	4	13.0	74	7.7	33.5	8.1	25.2	4.50
I26	20071229	5	13.0	73	7.6	33.5	8.1	25.2	6.37
I26	20071229	6	13.0	73	7.6	33.5	8.1	25.2	6.60
I26	20071229	7	13.0	73	7.6	33.5	8.1	25.2	6.56
I26	20071229	8	13.0	73	7.5	33.5	8.1	25.2	6.29
I26	20071229	9	13.0	72	7.5	33.5	8.1	25.2	5.55
I26	20071229	10	13.0	71	7.4	33.5	8.1	25.2	4.37
I39	20071212	1	14.7	80	7.4	33.5	8.0	24.8	0.95
I39	20071212	2	14.7	79	7.4	33.5	8.0	24.9	1.05
I39	20071212	3	14.6	78	7.4	33.5	8.0	24.9	1.21
I39	20071212	4	14.6	77	7.4	33.5	8.0	24.9	1.42
I39	20071212	5	14.6	77	7.4	33.5	8.0	24.9	1.69
I39	20071212	6	14.6	77	7.4	33.5	8.1	24.9	1.97
I39	20071212	7	14.6	77	7.4	33.5	8.1	24.9	2.31
I39	20071212	8	14.6	77	7.4	33.5	8.0	24.9	2.69
I39	20071212	9	14.6	77	7.3	33.5	8.1	24.9	2.68
I39	20071212	10	14.6	77	7.3	33.5	8.1	24.9	2.62
I39	20071212	11	14.6	77	7.3	33.5	8.1	24.9	2.77
I39	20071212	12	14.6	77	7.3	33.5	8.0	24.9	2.65
I39	20071212	13	14.6	76	7.3	33.5	8.0	24.9	2.59
I39	20071212	14	14.6	76	7.3	33.5	8.0	24.9	2.63
I39	20071212	15	14.6	76	7.3	33.5	8.0	24.9	2.62

800Z / 0Z / Z

CTD PROFILE DATA

STN	DATE	DEPTH m	TEMP deg C	XMS %	DO mg/L	SAL ppt	pH	DENSITY sigma-t	CHLOR ug/L
I39	20071212	16	14.6	76	7.3	33.5	8.0	24.9	2.43
I39	20071212	17	14.6	76	7.3	33.5	8.0	24.9	2.43
I39	20071212	18	14.6	76	7.3	33.5	8.0	24.9	2.38
I39	20071212	19	14.6	76	7.2	33.5	8.0	24.9	2.29
I39	20071212	20	14.6	75	7.3	33.5	8.0	24.9	2.00
I39	20071216	1	14.5	73	7.9	33.5	8.1	24.9	3.58
I39	20071216	2	14.4	73	7.9	33.5	8.1	24.9	3.88
I39	20071216	3	14.4	73	7.9	33.5	8.1	24.9	5.02
I39	20071216	4	14.4	71	8.0	33.5	8.1	24.9	6.90
I39	20071216	5	14.4	71	8.0	33.5	8.1	24.9	10.23
I39	20071216	6	14.4	70	7.9	33.5	8.1	24.9	11.50
I39	20071216	7	14.3	71	7.9	33.5	8.1	24.9	11.62
I39	20071216	8	14.3	71	7.9	33.5	8.1	24.9	11.88
I39	20071216	9	14.3	71	7.9	33.5	8.1	24.9	11.61
I39	20071216	10	14.3	71	7.9	33.5	8.1	24.9	10.97
I39	20071216	11	14.3	71	7.9	33.5	8.1	24.9	10.65
I39	20071216	12	14.3	72	7.8	33.5	8.1	24.9	10.43
I39	20071216	13	14.3	72	7.8	33.5	8.1	24.9	10.03
I39	20071216	14	14.3	72	7.8	33.5	8.1	24.9	9.62
I39	20071216	15	14.3	72	7.8	33.5	8.1	25.0	9.61
I39	20071216	16	14.3	72	7.8	33.5	8.1	25.0	9.36
I39	20071216	17	14.3	72	7.7	33.5	8.1	25.0	8.64
I39	20071216	18	14.3	72	7.6	33.5	8.1	25.0	6.95
I39	20071216	19	14.3	70	7.4	33.5	8.1	25.0	4.93
I39	20071221	1	14.6	78	8.3	33.5	8.1	24.9	5.23
I39	20071221	2	14.6	78	8.3	33.5	8.1	24.9	4.80
I39	20071221	3	14.5	77	8.2	33.5	8.1	24.9	4.74
I39	20071221	4	14.4	76	8.1	33.5	8.1	24.9	5.87
I39	20071221	5	14.4	74	8.0	33.5	8.1	24.9	6.17
I39	20071221	6	14.4	74	7.9	33.5	8.1	24.9	6.26
I39	20071221	7	14.4	73	7.8	33.5	8.1	24.9	6.38
I39	20071221	8	14.3	72	7.7	33.5	8.1	25.0	6.13
I39	20071221	9	14.2	72	7.4	33.5	8.1	25.0	5.79
I39	20071221	10	14.0	68	7.1	33.5	8.1	25.0	4.86
I39	20071221	11	13.8	64	6.9	33.5	8.0	25.0	4.27
I39	20071221	12	13.7	67	6.8	33.5	8.0	25.0	4.13
I39	20071221	13	13.7	66	6.8	33.5	8.0	25.1	4.17
I39	20071221	14	13.6	65	6.7	33.4	8.0	25.1	4.11
I39	20071221	15	13.6	64	6.6	33.4	8.0	25.1	3.92
I39	20071221	16	13.6	62	6.6	33.4	8.0	25.1	4.05
I39	20071221	17	13.6	59	6.6	33.4	8.0	25.1	3.95
I39	20071221	18	13.6	51	6.5	33.4	8.0	25.1	4.18
I39	20071221	19	13.6	43	6.5	33.4	8.0	25.1	4.13
I39	20071229	1	13.1	75	7.7	33.5	8.1	25.2	2.26
I39	20071229	2	13.0	75	7.7	33.5	8.1	25.2	2.42

CTD PROFILE DATA

STN	DATE	DEPTH m	TEMP deg C	XMS %	DO mg/L	SAL ppt	pH	DENSITY sigma-t	CHLOR ug/L
I39	20071229	3	12.9	73	7.6	33.5	8.1	25.3	3.02
I39	20071229	4	12.9	73	7.4	33.5	8.1	25.3	3.66
I39	20071229	5	12.8	74	7.2	33.5	8.1	25.3	4.03
I39	20071229	6	12.7	74	6.9	33.5	8.1	25.3	4.53
I39	20071229	7	12.7	74	6.8	33.5	8.1	25.3	4.77
I39	20071229	8	12.6	74	6.6	33.5	8.1	25.3	4.69
I39	20071229	9	12.6	75	6.5	33.5	8.1	25.3	4.77
I39	20071229	10	12.4	75	6.2	33.5	8.0	25.4	4.79
I39	20071229	11	12.2	75	5.8	33.5	8.0	25.4	4.42
I39	20071229	12	12.0	72	5.5	33.6	8.0	25.5	4.00
I39	20071229	13	11.9	66	5.3	33.6	7.9	25.5	3.73
I39	20071229	14	11.8	66	5.0	33.6	7.9	25.5	2.58
I39	20071229	15	11.8	67	4.9	33.6	7.9	25.5	2.27
I39	20071229	16	11.8	60	4.9	33.6	7.9	25.5	2.27
I39	20071229	17	11.8	44	4.8	33.6	7.9	25.5	2.31
I39	20071229	18	11.8	35	4.8	33.6	7.9	25.5	2.72

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***MONTHLY
WATER QUALITY STATIONS***



Monthly Station Water Quality Data

Sample Date: 03-DEC-07

Station	Time	Depth (m)	TOTAL	FECAL	ENTERO	TEMP	XMS	DO	SAL	PH	OG	SUSO
			CFU/100 mL	CFU/100 mL	CFU/100 mL	°C	%	mg/L	ppt	pH	mg/L	mg/L
I30	1051	2	<2	<2	<2	15.7	81	8.0	33.49	8.3	<0.2	3.1
I32	1116	18	<2	<2	<2	14.1	82	7.4	33.43	8.2		3.9
		27	2e	2e	<2	13.9	82	7.3	33.42	8.1		12.8
		6	<20	<2	2e	15.9	72	8.1	33.46	8.3	<0.2	5.5
I33	1003	9	8e	<2	<2	15.6	71	8.0	33.49	8.2		6.0
		2	<2	<2	<2	15.9	87	7.9	33.49	8.2	<0.2	2.1
		18	<2	<2	<2	15.7	87	7.9	33.49	8.2		2.2
I36	1137	27	2e	<2	<2	13.5	84	7.3	33.36	8.1		7.1
		2	<2	<2	<2	15.9	74	8.0	33.43	8.3	<0.2	4.0
		6	<2	<2	<2	15.6	71	8.0	33.43	8.3		7.8
I37	0939	11	2e	<2	<2	15.6	71	7.8	33.42	8.2		5.6
		2	2e	<2	4e	15.5	71	7.9	33.50	8.2	<0.2	3.6
		6	2e	<2	<2	15.5	71	7.9	33.50	8.2		3.5
I38	1203	11	<2	2e	<2	15.5	74	7.8	33.50	8.2		4.9
		2	<2	<2	<2	15.9	75	8.0	33.45	8.2	<0.2	4.1
		6	<2	<2	<2	15.6	74	8.1	33.46	8.3		4.1
		11	<2	<2	<2	15.5	72	8.1	33.45	8.2		5.6



Monthly Station Water Quality Data

Sample Date: 04-DEC-07

Station	Time	Depth (m)	TOTAL	FECAL	ENTERO	TEMP	XMS	DO	SAL	PH	OG	SUSO
			CFU/100 mL	CFU/100 mL	CFU/100 mL	°C	%	mg/L	ppt	pH	mg/L	mg/L
I12	0957	2	<2	<2	<2	15.7	84	8.0	33.50	8.2	<0.2	5.6
		18	<2	<2	<2	14.0	88	7.7	33.42	8.2		2.0
		27	160e	<2	<2	12.8	87	7.0	33.45	8.1		2.5
I14	1016	2	<2	<2	<2	15.8	88	7.9	33.49	8.2	<0.2	<0.2
		18	<2	<2	<2	14.1	88	7.6	33.43	8.1		<0.2
		27	<2	<2	<2	12.8	88	7.1	33.44	8.1		<0.2
I16	0946	2	<2	<2	<2	15.7	84	8.0	33.50	8.2	<0.2	4.3
		18	<2	<2	<2	13.3	88	7.3	33.42	8.1		<0.2
		27	8e	<2	<2	12.6	82	6.6	33.44	8.0		2.0
		2	>16000	1200	68	15.5	78	7.9	33.44	8.2	<0.2	1.9
I18	0924	12	5800	360e	18e	14.9	81	7.9	33.46	8.2		2.2
		18	68	4e	<2	12.8	84	7.1	33.45	8.1		3.3
		2	14000	1100	36e	15.4	79	7.9	33.45	8.2	<0.2	2.7
I19	0906	6	10000	900	56	14.9	77	7.9	33.43	8.2		2.9
		11	12000	680	84	14.7	70	7.9	33.44	8.2		16.9
		2	<2	<2	<2	15.9	89	7.9	33.49	8.2	<0.2	<0.2
I22	1030	18	<2	<2	<2	13.8	88	7.7	33.41	8.2		<0.2
		27	<2	<2	<2	12.7	87	7.0	33.45	8.1		4.4
		2	12e	4e	<2	15.4	81	8.0	33.47	8.2	<0.2	7.7
I23	1042	12	16e	6e	<2	14.8	82	7.9	33.46	8.2		3.3
		18	6e	<2	<2	13.4	72	7.1	33.43	8.1		5.4
		2	8e	<2	<2	15.7	79	7.5	33.49	8.2	<0.2	3.3
		6	4e	<2	<2	15.6	79	7.5	33.49	8.2		2.1
		11	20e	12e	<2	14.6	49	7.2	33.45	8.1		18.8
		2	2e	<2	<2	15.7	78	7.6	33.48	8.2	<0.2	2.8
I25	0826	6	2e	<2	<2	15.7	77	6.2	33.48	8.2		3.9
		9	2e	<2	<2	15.7	76	6.8	33.49	8.2		3.5
		2	<2	<2	<2	15.6	76	7.7	33.47	8.2	<0.2	2.6
I26	0814	6	<2	<2	<2	15.6	76	7.8	33.47	8.2		2.5
		9	<2	<2	<2	15.6	76	7.7	33.47	8.2		6.7
		2	<2	<2	<2	15.1	81	7.7	33.49	8.2	<0.2	1.7
I39	0758	12	<2	<2	<2	14.1	76	7.1	33.43	8.1		4.1
		18	<2	<2	2e	13.6	80	7.1	33.41	8.1		2.4
		2	32e	2e	<2	15.5	68	7.9	33.45	8.2	<0.2	6.2
I40	0852	6	20e	6e	<2	15.3	67	7.9	33.45	8.2		5.7
		9	940	94	8e	14.7	70	7.8	33.45	8.2		4.8



Monthly Station Water Quality Data

Sample Date: 11-DEC-07

Station	Time	Depth (m)	TOTAL CFU/100 mL	FECAL CFU/100 mL	ENTERO CFU/100 mL	TEMP C	XMS %	DO mg/L	SAL ppt	PH pH	OG mg/L	SUSO mg/L
I3	0917	2	<2	<2	<2	14.6	85	7.9	33.47	8.2	<0.2	2.6
		18	<2	<2	<2	14.6	86	7.9	33.49	8.2		4.2
		27	<2	<2	<2	14.3	85	7.6	33.46	8.2		4.2
I5	0940	2	34e	2e	<2	14.4	75	7.9	33.45	8.2	<0.2	4.7
		6	60e	4e	<2	14.5	75	7.8	33.46	8.2		5.0
		11	40e	10e	2e	14.4	74	7.8	33.46	8.2		5.9
I7	0820	2	<2	<2	<2	14.5	86	7.9	33.47	8.2	<0.2	3.4
		18	<2	<2	<2	14.5	87	7.9	33.48	8.2		2.9
		52	<2	<2	2e	12.5	82	6.4	33.45	8.0		4.5
I8	1052	2	<2	<2	<2	14.5	87	7.9	33.49	8.2	<0.2	2.7
		18	<2	<2	<2	14.4	88	7.9	33.48	8.2		2.8
		37	2e	<2	<2	13.3	80	6.7	33.45	8.1		4.1
I9	1038	2	<2	<2	<2	14.6	86	7.8	33.48	8.2	<0.2	3.0
		18	2e	<2	<2	14.6	86	7.8	33.49	8.2		2.4
		27	<2	<2	<2	14.0	79	7.3	33.46	8.1		1.6
I10	1025	2	34e	4e	<2	14.6	80	7.7	33.45	8.2	<0.2	3.3
		12	66	4e	4e	14.5	81	7.7	33.45	8.2		3.1
		18	74	4e	2e	14.5	81	7.7	33.46	8.2		3.6
I11	1011	2	20e	8e	6e	14.6	75	7.6	33.43	8.2	<0.2	4.6
		6	180e	20e	8e	14.6	74	7.6	33.44	8.2		4.7
		11	180e	18e	10e	14.6	75	7.5	33.44	8.2		5.9
I13	1105	2	<2	<2	<2	14.6	88	7.9	33.49	8.2	<0.2	3.1
		18	<2	<2	<2	14.5	88	7.9	33.49	8.2		3.5
I20	0800	2	<2	<2	<2	14.5	87	7.9	33.47	8.2	<0.2	3.0
		18	<2	<2	<2	14.4	87	7.9	33.48	8.2		2.9
		55	<2	<2	<2	12.5	80	6.2	33.46	8.0		3.4
I21	1119	2	<2	<2	<2	14.6	87	7.9	33.49	8.2	<0.2	2.4
		18	<2	<2	<2	14.4	87	7.9	33.48	8.2		3.4
		37	<2	<2	<2	13.5	83	6.8	33.45	8.1		3.6



Visual Observations

Sample Date: 03-DEC-07

Station: I28

Parameter	Value
Depth m	57
Arrive Time	1023
Depart Time	1028
Air Temp C	15.0
Weather	Clear
Visibility mi	12
Wind Speed Kts	10.0
Wind Dir.	SE
Water Color	Green
Wave Ht Low ft	2
Wave Period sec	4
High Tide ft	4.9
High Tide Time	0502
Low Tide ft	1.4
Low Tide Time	1146
Sea State	Wind ripples

Station: I29

Parameter	Value
Depth m	38
Arrive Time	1039
Depart Time	1044
Air Temp C	15.0
Weather	Clear
Visibility mi	12
Wind Speed Kts	10.0
Wind Dir.	S
Comments	Kelp debris
Water Color	Green
Wave Ht Low ft	2
Wave Period sec	4
High Tide ft	4.9
High Tide Time	0502
Low Tide ft	1.4
Low Tide Time	1146
Sea State	Wind ripples



Visual Observations

Sample Date: 03-DEC-07	
Station: I30	
Parameter	Value
Depth m	28
Arrive Time	1051
Depart Time	1056
Air Temp C	15.0
Weather	Clear
Visibility mi	12
Wind Speed Kts	8.0
Wind Dir.	NE
Water Color	Green
Wave Ht Low ft	2
Wave Period sec	4
High Tide ft	4.9
High Tide Time	0502
Low Tide ft	1.4
Low Tide Time	1146
Sea State	Wind ripples
Station: I31	
Parameter	Value
Depth m	19
Arrive Time	1103
Depart Time	1106
Air Temp C	16.0
Weather	Clear
Visibility mi	12
Wind Speed Kts	6.0
Wind Dir.	NE
Water Color	Green
Wave Ht Low ft	2
Wave Period sec	4
High Tide ft	4.9
High Tide Time	0502
Low Tide ft	1.4
Low Tide Time	1146
Sea State	Calm



Visual Observations

Sample Date: 03-DEC-07

Station: I32

Parameter	Value
Depth m	10
Arrive Time	1116
Depart Time	1120
Air Temp C	16.0
Weather	Clear
Visibility mi	12
Wind Speed Kts	3.0
Wind Dir.	W
Water Color	Green
Wave Ht Low ft	2
Wave Period sec	4
High Tide ft	4.9
High Tide Time	0502
Low Tide ft	1.4
Low Tide Time	1146
Sea State	Calm

Station: I33

Parameter	Value
Depth m	30
Arrive Time	1003
Depart Time	1013
Air Temp C	15.0
Weather	Clear
Visibility mi	12
Wind Speed Kts	6.0
Wind Dir.	E
Comments	Kelp debris
Water Color	Green
Wave Ht Low ft	2
Wave Period sec	4
High Tide ft	4.9
High Tide Time	0502
Low Tide ft	1.4
Low Tide Time	1146
Sea State	Calm



Visual Observations

Sample Date: 03-DEC-07

Station: I34

Parameter	Value
Depth m	19
Arrive Time	0952
Depart Time	0956
Air Temp C	15.0
Weather	Clear
Visibility mi	12
Wind Speed Kts	2.0
Wind Di..	SW
Water Color	Green
Wave Ht Low ft	2
Wave Period sec	4
High Tide ft	4.9
High Tide Time	0502
Low Tide ft	1.4
Low Tide Time	1146
Sea State	Calm

Station: I35

Parameter	Value
Depth m	19
Arrive Time	1148
Depart Time	1152
Air Temp C	16.0
Weather	Clear
Visibility mi	12
Wind Speed Kts	7.0
Wind Dir.	NE
Comments	Kelp debris; Sea gulls on station;
Water Color	Green
Wave Ht Low ft	2
Wave Period sec	4
High Tide ft	4.9
High Tide Time	0502
Low Tide ft	1.4
Low Tide Time	1146
Sea State	Calm



Visual Observations

Sample Date: 03-DEC-07

Station: I36

Parameter	Value
Depth m	12
Arrive Time	1137
Depart Time	1141
Air Temp C	17.0
Weather	Clear
Visibility mi	12
Wind Speed Kts	7.0
Wind Dir.	S
Comments	Kelp debris
Water Color	Green
Wave Ht Low ft	2
Wave Period sec	4
High Tide ft	4.9
High Tide Time	0502
Low Tide ft	1.4
Low Tide Time	1146
Sea State	Calm

Station: I37

Parameter	Value
Depth m	12
Arrive Time	0939
Depart Time	0946
Air Temp C	15.0
Weather	Clear
Visibility mi	12
Wind Speed Kts	1.0
Wind Dir.	S
Comments	Kelp debris; Navy ship near station;
Water Color	Green
Wave Ht Low ft	2
Wave Period sec	4
High Tide ft	4.9
High Tide Time	0502
Low Tide ft	1.4
Low Tide Time	1146
Sea State	Calm



Visual Observations

Sample Date: 03-DEC-07	
Station: I38	
Parameter	Value
Depth m	11
Arrive Time	1203
Depart Time	1208
Air Temp C	17.0
Weather	Clear
Visibility mi	12
Wind Speed Kts	10.0
Wind Dir.	SE
Comments	Kelp debris
Water Color	Green
Wave Ht Low ft	2
Wave Period sec	4
High Tide ft	4.9
High Tide Time	0502
Low Tide ft	1.4
Low Tide Time	1146
Sea State	Light chop



Visual Observations

Sample Date: 04-DEC-07	
Station: I12	
Parameter	Value
Depth m	29
Arrive Time	0957
Depart Time	1004
Air Temp C	15.0
Weather	Clear
Visibility mi	13
Wind Speed Kts	5.0
Wind Dir.	S
Water Color	Bluish-Green
Wave Ht Low ft	4
Wave Period sec	4
High Tide ft	5.2
High Tide Time	0531
Low Tide ft	0.8
Low Tide Time	1230
Sea State	Wind ripples
Station: I14	
Parameter	Value
Depth m	28
Arrive Time	1016
Depart Time	1023
Air Temp C	16.0
Weather	Clear
Visibility mi	13
Wind Speed Kts	3.0
Wind Dir.	SE
Water Color	Bluish-Green
Wave Ht Low ft	4
Wave Period sec	4
High Tide ft	5.2
High Tide Time	0531
Low Tide ft	0.8
Low Tide Time	1230
Sea State	Wind ripples



Visual Observations

Sample Date: 04-DEC-07	
Station: I15	
Parameter	Value
Depth m	31
Arrive Time	1009
Depart Time	1013
Air Temp C	16.0
Weather	Clear
Visibility mi	13
Wind Speed Kts	5.0
Wind Dir.	SE
Water Color	Bluish-Green
Wave Ht Low ft	4
Wave Period sec	4
High Tide ft	5.2
High Tide Time	0531
Low Tide ft	0.8
Low Tide Time	1230
Sea State	Wind ripples
Station: I16	
Parameter	Value
Depth m	28
Arrive Time	0946
Depart Time	0953
Air Temp C	15.0
Weather	Clear
Visibility mi	13
Wind Speed Kts	5.0
Wind Dir.	W
Comments	Kelp debris
Water Color	Bluish-Green
Wave Ht Low ft	4
Wave Period sec	4
High Tide ft	5.2
High Tide Time	0531
Low Tide ft	0.8
Low Tide Time	1230
Sea State	Wind ripples



Visual Observations

Sample Date: 04-DEC-07	
Station: I17	
Parameter	Value
Depth m	26
Arrive Time	0938
Depart Time	0941
Air Temp C	15.0
Weather	Clear
Visibility mi	13
Wind Speed Kts	6.0
Wind Dir.	NW
Water Color	Green
Wave Ht Low ft	4
Wave Period sec	4
High Tide ft	5.2
High Tide Time	0531
Low Tide ft	0.8
Low Tide Time	1230
Sea State	Wind ripples
Station: I18	
Parameter	Value
Depth m	20
Arrive Time	0924
Depart Time	0930
Air Temp C	15.0
Weather	Clear
Visibility mi	13
Wind Speed Kts	8.0
Wind Dir.	N
Water Color	Green
Wave Ht Low ft	4
Wave Period sec	4
High Tide ft	5.2
High Tide Time	0531
Low Tide ft	0.8
Low Tide Time	1230
Sea State	Wind ripples



Visual Observations

Sample Date: 04-DEC-07	
Station: I19	
Parameter	Value
Depth m	11
Arrive Time	0906
Depart Time	0913
Air Temp C	16.0
Weather	Clear
Visibility mi	13
Wind Speed Kts	5.0
Wind Dir.	S
Water Color	Green
Wave Ht Low ft	4
Wave Period sec	4
High Tide ft	5.2
High Tide Time	0531
Low Tide ft	0.8
Low Tide Time	1230
Sea State	Wind ripples
Station: I22	
Parameter	Value
Depth m	28
Arrive Time	1030
Depart Time	1035
Air Temp C	16.0
Weather	Clear
Visibility mi	13
Wind Speed Kts	3.0
Wind Dir.	E
Comments	Kelp debris
Water Color	Greenish-Blue
Wave Ht Low ft	4
Wave Period sec	4
High Tide ft	5.2
High Tide Time	0531
Low Tide ft	0.8
Low Tide Time	1230
Sea State	Wind ripples



Visual Observations

Sample Date: 04-DEC-07	
Station: I23	
Parameter	Value
Depth m	20
Arrive Time	1042
Depart Time	1048
Air Temp C	16.0
Weather	Clear
Visibility mi	13
Wind Speed Kts	4.0
Wind Dir.	E
Comments	Kelp debris
Water Color	Green
Wave Ht Low ft	4
Wave Period sec	4
High Tide ft	5.2
High Tide Time	0531
Low Tide ft	0.8
Low Tide Time	1230
Sea State	Wind ripples
Station: I24	
Parameter	Value
Depth m	11
Arrive Time	0836
Depart Time	0847
Air Temp C	14.0
Weather	Clear
Visibility mi	13
Wind Speed Kts	3.0
Wind Dir.	NW
Water Color	Green
Wave Ht Low ft	4
Wave Period sec	4
High Tide ft	5.2
High Tide Time	0531
Low Tide ft	0.8
Low Tide Time	1230
Sea State	Wind ripples



Visual Observations

Sample Date: 04-DEC-07	
Station: I25	
Parameter	Value
Depth m	9
Arrive Time	0826
Depart Time	0831
Air Temp C	14.0
Weather	Clear
Visibility mi	13
Wind Speed Kts	1.0
Wind Dir.	W
Comments	Kelp
Water Color	Green
Wave Ht Low ft	4
Wave Period sec	4
High Tide ft	5.2
High Tide Time	0531
Low Tide ft	0.8
Low Tide Time	1230
Sea State	Wind ripples
Station: I26	
Parameter	Value
Depth m	11
Arrive Time	0814
Depart Time	0820
Air Temp C	13.0
Weather	Clear
Visibility mi	13
Wind Speed Kts	5.0
Wind Dir.	NE
Water Color	Green
Wave Ht Low ft	4
Wave Period sec	4
High Tide ft	5.2
High Tide Time	0531
Low Tide ft	0.8
Low Tide Time	1230
Sea State	Wind ripples



Visual Observations

Sample Date: 04-DEC-07

Station: I27

Parameter	Value
Depth m	29
Arrive Time	0748
Depart Time	0751
Air Temp C	13.0
Weather	Clear
Visibility mi	13
Wind Speed Kts	5.0
Wind Dir.	SW
Water Color	Bluish-Green
Wave Ht Low ft	4
Wave Period sec	7
High Tide ft	5.2
High Tide Time	0531
Low Tide ft	0.8
Low Tide Time	1230
Sea State	Calm

Station: I39

Parameter	Value
Depth m	19
Arrive Time	0758
Depart Time	0802
Air Temp C	13.0
Weather	Clear
Visibility mi	13
Wind Speed Kts	5.0
Wind Dir.	N
Comments	Lobster boat
Water Color	Green
Wave Ht Low ft	4
Wave Period sec	4
High Tide ft	5.2
High Tide Time	0531
Low Tide ft	0.8
Low Tide Time	1230
Sea State	Calm



Visual Observations

Sample Date: 04-DEC-07	
Station: 140	
Parameter	Value
Depth m	10
Arrive Time	0852
Depart Time	0858
Air Temp C	15.0
Weather	Clear
Visibility mi	13
Wind Speed Kts	4.0
Wind Dir.	W
Comments	Grebe convention - hundreds in attendance; Building surf - many surfers directly inshore; Kelp debris
Water Color	Green
Wave Ht Low ft	4
Wave Period sec	4
High Tide ft	5.2
High Tide Time	0531
Low Tide ft	0.8
Low Tide Time	1230
Sea State	Wind ripples



Visual Observations

Sample Date: 11-DEC-07	
Station: I1	
Parameter	Value
Depth m	61
Arrive Time	0841
Depart Time	0846
Air Temp C	12.0
Weather	Rain
Visibility mi	5
Wind Speed Kts	4.0
Wind Dir.	NW
Comments	Sea gulls on station
Water Color	Green
Wave Ht Low ft	3
Wave Period sec	4
High Tide ft	5.8
High Tide Time	0855
Low Tide ft	-0.6
Low Tide Time	1631
Sea State	Confused swell
Station: I2	
Parameter	Value
Depth m	35
Arrive Time	0903
Depart Time	0907
Air Temp C	11.0
Weather	Rain
Visibility mi	7
Wind Speed Kts	4.0
Wind Dir.	NW
Water Color	Green
Wave Ht Low ft	3
Wave Period sec	4
High Tide ft	5.8
High Tide Time	0855
Low Tide ft	-0.6
Low Tide Time	1631
Sea State	Confused swell



Visual Observations

Sample Date: 11-DEC-07	
Station: I3	
Parameter	Value
Depth m	29
Arrive Time	0917
Depart Time	0924
Air Temp C	12.0
Weather	Drizzle
Visibility mi	7
Wind Speed Kts	5.0
Wind Dir.	S
Water Color	Green
Wave Ht Low ft	3
Wave Period sec	4
High Tide ft	5.8
High Tide Time	0855
Low Tide ft	-0.6
Low Tide Time	1631
Sea State	Confused swell
Station: I4	
Parameter	Value
Depth m	29
Arrive Time	0932
Depart Time	0935
Air Temp C	12.0
Weather	Drizzle
Visibility mi	7
Wind Speed Kts	3.0
Wind Dir.	N
Comments	Paper debris on surface
Water Color	Green
Wave Ht Low ft	3
Wave Period sec	4
High Tide ft	5.8
High Tide Time	0855
Low Tide ft	-0.6
Low Tide Time	1631
Sea State	Confused swell



Visual Observations

Sample Date: 11-DEC-07

Station: I5

Parameter	Value
Depth m	16
Arrive Time	0940
Depart Time	0945
Air Temp C	12.0
Weather	Partly Cloudy
Visibility mi	7
Wind Speed Kts	3.0
Wind Dir.	W
Water Color	Green
Wave Ht Low ft	3
Wave Period sec	4
High Tide ft	5.8
High Tide Time	0855
Low Tide ft	-0.6
Low Tide Time	1631
Sea State	Confused swell

Station: I6

Parameter	Value
Depth m	26
Arrive Time	0958
Depart Time	1001
Air Temp C	13.0
Weather	Partly Cloudy
Visibility mi	9
Wind Speed Kts	7.0
Wind Dir.	SW
Water Color	Green
Wave Ht Low ft	3
Wave Period sec	4
High Tide ft	5.8
High Tide Time	0855
Low Tide ft	-0.6
Low Tide Time	1631
Sea State	Calm



Visual Observations

Sample Date: 11-DEC-07

Station: I7

Parameter	Value
Depth m	52
Arrive Time	0820
Depart Time	0826
Air Temp C	12.0
Weather	Rain
Visibility mi	5
Wind Speed Kts	6.0
Wind Dir.	E
Water Color	Green
Wave Ht Low ft	3
Wave Period sec	4
High Tide ft	5.8
High Tide Time	0855
Low Tide ft	-0.6
Low Tide Time	1631
Sea State	Confused swell

Station: I8

Parameter	Value
Depth m	37
Arrive Time	1052
Depart Time	1057
Air Temp C	13.0
Weather	Partly Cloudy
Visibility mi	7
Wind Speed Kts	7.0
Wind Dir.	N
Water Color	Green
Wave Ht Low ft	3
Wave Period sec	4
High Tide ft	5.8
High Tide Time	0855
Low Tide ft	-0.6
Low Tide Time	1631
Sea State	Light chop



Visual Observations

Sample Date: 11-DEC-07

Station: I9

Parameter	Value
Depth m	31
Arrive Time	1038
Depart Time	1045
Air Temp C	13.0
Weather	Partly Cloudy
Visibility mi	7
Wind Speed Kts	10.0
Wind Dir.	N
Comments	Pelican on station
Water Color	Green
Wave Ht Low ft	3
Wave Period sec	4
High Tide ft	5.8
High Tide Time	0855
Low Tide ft	-0.6
Low Tide Time	1631
Sea State	Light chop

Station: I10

Parameter	Value
Depth m	21
Arrive Time	1025
Depart Time	1029
Air Temp C	13.0
Weather	Partly Cloudy
Visibility mi	9
Wind Speed Kts	12.0
Wind Dir.	S
Water Color	Green
Wave Ht Low ft	3
Wave Period sec	4
High Tide ft	5.8
High Tide Time	0855
Low Tide ft	-0.6
Low Tide Time	1631
Sea State	Light chop



Visual Observations

Sample Date: 11-DEC-07	
Station: I11	
Parameter	Value
Depth m	15
Arrive Time	1011
Depart Time	1015
Air Temp C	13.0
Weather	Partly Cloudy
Visibility mi	9
Wind Speed Kts	8.0
Wind Dir.	E
Comments	Plastic debris on surface
Water Color	Green
Wave Ht Low ft	3
Wave Period sec	4
High Tide ft	5.8
High Tide Time	0855
Low Tide ft	-0.6
Low Tide Time	1631
Sea State	Calm
Station: I13	
Parameter	Value
Depth m	39
Arrive Time	1105
Depart Time	1109
Air Temp C	14.0
Weather	Partly Cloudy
Visibility mi	7
Wind Speed Kts	18.0
Wind Dir.	NE
Water Color	Bluish-Green
Wave Ht Low ft	3
Wave Period sec	4
High Tide ft	5.8
High Tide Time	0855
Low Tide ft	-0.6
Low Tide Time	1631
Sea State	Heavy chop

800Z / 0Z / Z



Visual Observations

Sample Date: 11-DEC-07

Station: I20

Parameter	Value
Depth m	56
Arrive Time	0800
Depart Time	0808
Air Temp C	11.0
Weather	Rain
Visibility mi	5
Wind Speed Kts	6.0
Wind Dir.	E
Water Color	Green
Wave Ht Low ft	3
Wave Period sec	4
High Tide ft	5.8
High Tide Time	0855
Low Tide ft	-0.6
Low Tide Time	1631
Sea State	Confused swell

Station: I21

Parameter	Value
Depth m	42
Arrive Time	1119
Depart Time	1126
Air Temp C	14.0
Weather	Partly Cloudy
Visibility mi	7
Wind Speed Kts	17.0
Wind Dir.	W
Water Color	Bluish-Green
Wave Ht Low ft	3
Wave Period sec	4
High Tide ft	5.8
High Tide Time	0855
Low Tide ft	-0.6
Low Tide Time	1631
Sea State	Heavy chop

CTD PROFILE DATA

STN	DATE	DEPTH m	TEMP deg C	XMS %	DO mg/L	SAL ppt	pH	DENSITY sigma-t	CHLOR ug/L
I1	20071211	1	14.6	84	8.0	33.5	8.2	24.9	4.15
I1	20071211	2	14.6	86	8.0	33.5	8.2	24.9	4.39
I1	20071211	3	14.6	86	8.0	33.5	8.2	24.9	4.49
I1	20071211	4	14.7	86	8.0	33.5	8.2	24.9	4.63
I1	20071211	5	14.7	86	8.0	33.5	8.2	24.9	4.60
I1	20071211	6	14.7	86	8.0	33.5	8.2	24.9	4.64
I1	20071211	7	14.7	87	8.0	33.5	8.2	24.9	4.68
I1	20071211	8	14.7	87	8.0	33.5	8.2	24.9	4.70
I1	20071211	9	14.7	86	8.0	33.5	8.2	24.9	4.56
I1	20071211	10	14.7	87	8.0	33.5	8.2	24.9	4.41
I1	20071211	11	14.7	87	8.0	33.5	8.2	24.9	4.44
I1	20071211	12	14.7	87	8.0	33.5	8.2	24.9	4.42
I1	20071211	13	14.7	87	8.0	33.5	8.2	24.9	4.40
I1	20071211	14	14.7	87	8.0	33.5	8.2	24.9	4.34
I1	20071211	15	14.7	87	8.0	33.5	8.2	24.9	4.36
I1	20071211	16	14.7	87	8.0	33.5	8.2	24.9	4.30
I1	20071211	17	14.7	87	8.0	33.5	8.2	24.9	4.16
I1	20071211	18	14.7	87	8.0	33.5	8.2	24.9	3.96
I1	20071211	19	14.7	87	8.0	33.5	8.2	24.9	3.92
I1	20071211	20	14.7	87	7.9	33.5	8.2	24.9	3.86
I1	20071211	21	14.7	87	8.0	33.5	8.2	24.9	3.76
I1	20071211	22	14.7	87	7.9	33.5	8.2	24.9	3.68
I1	20071211	23	14.6	87	7.9	33.5	8.2	24.9	3.55
I1	20071211	24	14.5	87	7.9	33.5	8.2	24.9	3.04
I1	20071211	25	14.4	87	7.9	33.5	8.2	24.9	2.91
I1	20071211	26	14.3	88	7.8	33.5	8.1	25.0	2.86
I1	20071211	27	14.1	88	7.7	33.5	8.1	25.0	2.73
I1	20071211	28	13.9	88	7.6	33.5	8.1	25.0	2.52
I1	20071211	29	13.6	88	7.6	33.4	8.1	25.1	2.37
I1	20071211	30	13.4	88	7.4	33.4	8.1	25.1	2.25
I1	20071211	31	13.2	88	7.3	33.4	8.1	25.1	2.11
I1	20071211	32	13.1	88	7.2	33.4	8.1	25.1	2.08
I1	20071211	33	13.1	87	7.1	33.4	8.1	25.1	2.08
I1	20071211	34	13.1	87	7.0	33.4	8.1	25.1	2.10
I1	20071211	35	13.0	87	7.0	33.4	8.1	25.2	2.10
I1	20071211	36	12.9	88	7.0	33.4	8.1	25.2	2.03
I1	20071211	37	12.8	88	7.0	33.4	8.1	25.2	1.99
I1	20071211	38	12.8	88	6.9	33.4	8.1	25.2	1.93
I1	20071211	39	12.7	88	6.8	33.4	8.0	25.2	1.88
I1	20071211	40	12.7	88	6.8	33.4	8.0	25.2	1.86
I1	20071211	41	12.6	88	6.8	33.4	8.0	25.2	1.84
I1	20071211	42	12.6	88	6.8	33.4	8.0	25.2	1.86
I1	20071211	43	12.6	88	6.7	33.4	8.0	25.2	1.83
I1	20071211	44	12.6	88	6.7	33.4	8.0	25.3	1.76
I1	20071211	45	12.5	88	6.7	33.4	8.0	25.3	1.65

800Z / 0Z / Z

CTD PROFILE DATA

STN	DATE	DEPTH m	TEMP deg C	XMS %	DO mg/L	SAL ppt	pH	DENSITY sigma-t	CHLOR ug/L
I1	20071211	46	12.5	87	6.6	33.4	8.0	25.3	1.62
I1	20071211	47	12.4	86	6.6	33.4	8.0	25.3	1.55
I1	20071211	48	12.4	85	6.5	33.4	8.0	25.3	1.49
I1	20071211	49	12.3	84	6.5	33.5	8.0	25.3	1.41
I1	20071211	50	12.2	83	6.4	33.5	8.0	25.4	1.35
I1	20071211	51	12.2	82	6.3	33.5	8.0	25.4	1.32
I1	20071211	52	12.2	80	6.2	33.5	8.0	25.4	1.28
I1	20071211	53	12.1	80	6.2	33.5	8.0	25.4	1.26
I1	20071211	54	12.1	79	6.1	33.5	8.0	25.4	1.23
I1	20071211	55	12.1	79	6.1	33.5	8.0	25.4	1.21
I1	20071211	56	12.0	79	6.1	33.5	8.0	25.4	1.16
I1	20071211	57	12.0	79	6.0	33.5	8.0	25.4	1.13
I1	20071211	58	12.0	80	5.9	33.5	8.0	25.4	1.14
I1	20071211	59	12.0	80	5.9	33.5	8.0	25.4	1.15
I1	20071211	60	12.0	80	5.9	33.5	8.0	25.4	1.13
I1	20071211	61	12.0	80	5.9	33.5	8.0	25.4	1.13
I1	20071211	62	12.0	80	5.9	33.5	8.0	25.4	1.15
I1	20071211	63	12.0	80	5.9	33.5	8.0	25.4	1.12
I10	20071211	1	14.6	81	7.7	33.5	8.2	24.9	2.33
I10	20071211	2	14.6	80	7.7	33.5	8.2	24.9	2.37
I10	20071211	3	14.6	80	7.7	33.5	8.2	24.9	2.73
I10	20071211	4	14.6	80	7.7	33.5	8.2	24.9	2.81
I10	20071211	5	14.6	80	7.7	33.5	8.2	24.9	2.81
I10	20071211	6	14.6	80	7.7	33.5	8.2	24.9	3.59
I10	20071211	7	14.6	81	7.7	33.5	8.2	24.9	3.85
I10	20071211	8	14.6	81	7.7	33.5	8.2	24.9	3.77
I10	20071211	9	14.6	81	7.7	33.5	8.2	24.9	3.74
I10	20071211	10	14.6	81	7.7	33.5	8.2	24.9	3.76
I10	20071211	11	14.6	81	7.7	33.5	8.2	24.9	3.56
I10	20071211	12	14.5	81	7.7	33.5	8.2	24.9	3.89
I10	20071211	13	14.5	81	7.7	33.5	8.2	24.9	3.73
I10	20071211	14	14.5	81	7.7	33.5	8.2	24.9	3.75
I10	20071211	15	14.5	81	7.7	33.5	8.2	24.9	3.70
I10	20071211	16	14.5	81	7.7	33.5	8.2	24.9	3.69
I10	20071211	17	14.5	81	7.7	33.5	8.2	24.9	3.50
I10	20071211	18	14.5	81	7.7	33.5	8.2	24.9	3.01
I10	20071211	19	14.5	79	7.7	33.5	8.2	24.9	2.94
I10	20071211	20	14.5	75	7.7	33.5	8.2	24.9	2.88
I10	20071211	21	14.5	74	7.6	33.5	8.2	24.9	2.85
I10	20071211	22	14.5	69	7.6	33.5	8.2	24.9	2.92
I11	20071211	1	14.6	74	7.6	33.4	8.2	24.9	2.33
I11	20071211	2	14.6	75	7.6	33.4	8.2	24.9	2.59
I11	20071211	3	14.6	74	7.6	33.4	8.2	24.9	3.05
I11	20071211	4	14.6	75	7.6	33.4	8.2	24.9	3.18
I11	20071211	5	14.6	75	7.6	33.4	8.2	24.9	3.10

CTD PROFILE DATA

STN	DATE	DEPTH m	TEMP deg C	XMS %	DO mg/L	SAL ppt	pH	DENSITY sigma-t	CHLOR ug/L
I11	20071211	6	14.6	74	7.6	33.4	8.2	24.9	3.21
I11	20071211	7	14.6	75	7.6	33.4	8.2	24.9	3.16
I11	20071211	8	14.6	75	7.6	33.4	8.2	24.9	2.95
I11	20071211	9	14.6	75	7.6	33.4	8.2	24.9	2.93
I11	20071211	10	14.6	74	7.6	33.4	8.2	24.9	2.80
I11	20071211	11	14.6	75	7.5	33.4	8.2	24.9	2.80
I11	20071211	12	14.6	75	7.5	33.4	8.2	24.9	2.74
I11	20071211	13	14.6	74	7.5	33.4	8.2	24.9	2.74
I11	20071211	14	14.6	75	7.5	33.4	8.2	24.9	2.54
I11	20071211	15	14.6	70	7.5	33.4	8.2	24.9	2.41
I12	20071204	1	15.7	83	8.0	33.5	8.2	24.7	2.39
I12	20071204	2	15.7	84	8.0	33.5	8.2	24.7	2.43
I12	20071204	3	15.7	84	8.0	33.5	8.2	24.7	2.63
I12	20071204	4	15.7	84	8.0	33.5	8.2	24.7	2.69
I12	20071204	5	15.7	84	8.0	33.5	8.2	24.7	3.24
I12	20071204	6	15.6	83	8.0	33.5	8.2	24.7	3.49
I12	20071204	7	15.6	83	8.0	33.5	8.2	24.7	3.78
I12	20071204	8	15.6	83	8.0	33.5	8.2	24.7	4.02
I12	20071204	9	15.6	83	8.0	33.5	8.2	24.7	4.07
I12	20071204	10	15.6	83	8.0	33.5	8.2	24.7	4.11
I12	20071204	11	15.6	83	8.0	33.5	8.2	24.7	4.05
I12	20071204	12	15.6	83	8.0	33.5	8.2	24.7	3.97
I12	20071204	13	15.6	84	8.0	33.5	8.2	24.7	3.89
I12	20071204	14	15.4	84	8.0	33.5	8.2	24.7	3.56
I12	20071204	15	14.9	86	8.0	33.5	8.2	24.8	3.53
I12	20071204	16	14.5	87	7.9	33.4	8.2	24.9	3.46
I12	20071204	17	14.2	87	7.8	33.4	8.2	24.9	3.42
I12	20071204	18	14.0	88	7.7	33.4	8.2	25.0	3.28
I12	20071204	19	13.9	88	7.6	33.4	8.1	25.0	3.43
I12	20071204	20	13.8	88	7.6	33.4	8.1	25.0	3.32
I12	20071204	21	13.5	88	7.5	33.4	8.1	25.1	3.20
I12	20071204	22	13.3	88	7.5	33.4	8.1	25.1	2.99
I12	20071204	23	13.2	88	7.4	33.4	8.1	25.1	2.88
I12	20071204	24	13.0	88	7.3	33.4	8.1	25.2	2.93
I12	20071204	25	13.0	87	7.2	33.4	8.1	25.2	2.84
I12	20071204	26	12.9	87	7.1	33.4	8.1	25.2	2.75
I12	20071204	27	12.8	87	7.0	33.4	8.1	25.2	2.67
I12	20071204	28	12.7	86	6.9	33.4	8.1	25.2	2.55
I12	20071204	29	12.7	86	6.8	33.4	8.1	25.2	2.57
I13	20071211	1	14.6	88	7.9	33.5	8.2	24.9	1.60
I13	20071211	2	14.6	88	7.9	33.5	8.2	24.9	1.49
I13	20071211	3	14.6	88	7.9	33.5	8.2	24.9	1.59
I13	20071211	4	14.6	88	7.9	33.5	8.2	24.9	1.58
I13	20071211	5	14.6	88	7.9	33.5	8.2	24.9	1.65
I13	20071211	6	14.6	88	7.9	33.5	8.2	24.9	1.86

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CTD PROFILE DATA

STN	DATE	DEPTH m	TEMP deg C	XMS %	DO mg/L	SAL ppt	pH	DENSITY sigma-t	CHLOR ug/L
I13	20071211	7	14.5	88	7.9	33.5	8.2	24.9	1.91
I13	20071211	8	14.5	88	7.9	33.5	8.2	24.9	2.37
I13	20071211	9	14.5	88	7.9	33.5	8.2	24.9	2.29
I13	20071211	10	14.5	88	7.9	33.5	8.2	24.9	2.26
I13	20071211	11	14.5	88	7.9	33.5	8.2	24.9	2.40
I13	20071211	12	14.5	88	7.9	33.5	8.2	24.9	2.70
I13	20071211	13	14.5	88	7.9	33.5	8.2	24.9	2.84
I13	20071211	14	14.5	88	7.9	33.5	8.2	24.9	2.87
I13	20071211	15	14.5	88	7.9	33.5	8.2	24.9	2.91
I13	20071211	16	14.5	88	7.9	33.5	8.2	24.9	2.98
I13	20071211	17	14.5	88	7.9	33.5	8.2	24.9	2.94
I13	20071211	18	14.5	88	7.9	33.5	8.2	24.9	2.92
I13	20071211	19	14.5	88	7.9	33.5	8.2	24.9	3.10
I13	20071211	20	14.5	88	7.9	33.5	8.2	24.9	2.92
I13	20071211	21	14.4	88	7.9	33.5	8.2	24.9	2.79
I13	20071211	22	14.4	88	7.9	33.5	8.2	24.9	2.84
I13	20071211	23	14.4	88	7.9	33.5	8.2	24.9	2.68
I13	20071211	24	14.4	88	7.9	33.5	8.2	24.9	2.85
I13	20071211	25	14.3	88	7.8	33.5	8.2	24.9	2.51
I13	20071211	26	14.3	88	7.8	33.5	8.2	25.0	2.42
I13	20071211	27	14.2	88	7.7	33.5	8.2	25.0	2.27
I13	20071211	28	14.0	88	7.6	33.5	8.1	25.0	2.34
I13	20071211	29	13.9	87	7.5	33.5	8.1	25.0	2.42
I13	20071211	30	13.8	87	7.4	33.5	8.1	25.0	2.33
I13	20071211	31	13.7	86	7.3	33.5	8.1	25.1	2.33
I13	20071211	32	13.5	85	7.2	33.5	8.1	25.1	2.42
I13	20071211	33	13.3	83	7.2	33.5	8.1	25.1	2.19
I13	20071211	34	13.2	84	6.9	33.5	8.1	25.2	2.07
I13	20071211	35	13.1	79	6.7	33.5	8.1	25.2	2.10
I13	20071211	36	13.1	78	6.6	33.5	8.1	25.2	2.06
I13	20071211	37	13.1	79	6.5	33.5	8.1	25.2	2.11
I13	20071211	38	13.1	78	6.5	33.5	8.1	25.2	2.03
I13	20071211	39	13.1	78	6.5	33.5	8.1	25.2	2.02
I13	20071211	40	13.1	77	6.4	33.5	8.1	25.2	1.95
I14	20071204	1	15.8	88	7.9	33.5	8.2	24.6	1.04
I14	20071204	2	15.8	88	7.9	33.5	8.2	24.6	1.10
I14	20071204	3	15.8	87	7.9	33.5	8.2	24.6	1.18
I14	20071204	4	15.8	88	7.9	33.5	8.2	24.6	1.33
I14	20071204	5	15.7	88	8.0	33.5	8.2	24.6	1.50
I14	20071204	6	15.7	88	8.0	33.5	8.2	24.7	1.58
I14	20071204	7	15.7	88	8.0	33.5	8.2	24.7	1.69
I14	20071204	8	15.7	87	8.0	33.5	8.2	24.7	1.84
I14	20071204	9	15.7	87	8.0	33.5	8.2	24.7	2.32
I14	20071204	10	15.7	87	8.0	33.5	8.2	24.7	2.48
I14	20071204	11	15.7	87	8.0	33.5	8.2	24.7	2.44

CTD PROFILE DATA

STN	DATE	DEPTH m	TEMP deg C	XMS %	DO mg/L	SAL ppt	pH	DENSITY sigma-t	CHLOR ug/L
I14	20071204	12	15.3	87	8.0	33.5	8.2	24.7	2.43
I14	20071204	13	14.9	87	8.0	33.4	8.2	24.8	2.39
I14	20071204	14	14.7	88	7.9	33.4	8.2	24.8	2.59
I14	20071204	15	14.7	88	7.8	33.4	8.2	24.8	2.86
I14	20071204	16	14.5	88	7.7	33.4	8.2	24.9	2.99
I14	20071204	17	14.3	88	7.7	33.4	8.2	24.9	2.99
I14	20071204	18	14.1	88	7.6	33.4	8.1	25.0	3.05
I14	20071204	19	13.8	88	7.6	33.4	8.1	25.0	3.10
I14	20071204	20	13.7	88	7.5	33.4	8.1	25.0	3.08
I14	20071204	21	13.5	88	7.5	33.4	8.1	25.1	3.54
I14	20071204	22	13.5	88	7.4	33.4	8.1	25.1	3.83
I14	20071204	23	13.4	88	7.4	33.4	8.1	25.1	3.95
I14	20071204	24	13.3	88	7.3	33.4	8.1	25.1	3.55
I14	20071204	25	13.2	88	7.3	33.4	8.1	25.1	3.41
I14	20071204	26	12.8	88	7.3	33.5	8.1	25.2	2.96
I14	20071204	27	12.8	88	7.1	33.4	8.1	25.2	2.76
I14	20071204	28	12.7	87	6.8	33.5	8.1	25.3	2.68
I15	20071204	1	15.8	87	7.9	33.5	8.2	24.6	1.29
I15	20071204	2	15.8	87	7.9	33.5	8.2	24.6	1.26
I15	20071204	3	15.8	88	7.9	33.5	8.2	24.6	1.31
I15	20071204	4	15.8	87	7.9	33.5	8.2	24.6	1.47
I15	20071204	5	15.7	87	8.0	33.5	8.2	24.6	1.55
I15	20071204	6	15.7	87	8.0	33.5	8.2	24.7	1.68
I15	20071204	7	15.7	87	8.0	33.5	8.2	24.7	2.04
I15	20071204	8	15.7	87	8.0	33.5	8.2	24.7	2.21
I15	20071204	9	15.7	87	8.0	33.5	8.2	24.7	2.63
I15	20071204	10	15.7	86	8.0	33.5	8.2	24.7	2.56
I15	20071204	11	15.7	86	8.0	33.5	8.2	24.7	3.59
I15	20071204	12	15.7	86	8.0	33.5	8.2	24.7	4.01
I15	20071204	13	15.7	86	8.0	33.5	8.2	24.7	3.57
I15	20071204	14	15.7	87	8.0	33.5	8.2	24.7	3.19
I15	20071204	15	15.7	87	8.0	33.5	8.2	24.7	3.39
I15	20071204	16	15.6	87	8.0	33.5	8.2	24.7	3.21
I15	20071204	17	15.4	87	8.0	33.5	8.2	24.7	3.12
I15	20071204	18	14.9	87	7.9	33.5	8.2	24.8	3.05
I15	20071204	19	14.2	88	7.9	33.4	8.2	24.9	3.28
I15	20071204	20	13.7	88	7.8	33.4	8.1	25.0	3.23
I15	20071204	21	13.7	88	7.6	33.4	8.1	25.0	3.15
I15	20071204	22	13.5	88	7.6	33.4	8.1	25.0	3.16
I15	20071204	23	13.5	88	7.5	33.4	8.1	25.0	3.13
I15	20071204	24	13.5	88	7.5	33.4	8.1	25.1	3.28
I15	20071204	25	13.4	88	7.5	33.4	8.1	25.1	3.22
I15	20071204	26	13.3	89	7.4	33.4	8.1	25.1	3.08
I15	20071204	27	13.2	88	7.3	33.4	8.1	25.1	3.12
I15	20071204	28	13.1	88	7.2	33.4	8.1	25.2	3.31

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CTD PROFILE DATA

STN	DATE	DEPTH m	TEMP deg C	XMS	DO mg/L	SAL ppt	pH	DENSITY sigma-t	CHLOR ug/L
				%					
I15	20071204	29	12.8	87	7.2	33.4	8.1	25.2	3.05
I15	20071204	30	12.7	86	6.9	33.4	8.1	25.2	2.84
I15	20071204	31	12.6	84	6.8	33.4	8.1	25.3	2.72
I16	20071204	1	15.7	83	8.0	33.5	8.2	24.7	2.02
I16	20071204	2	15.7	84	8.0	33.5	8.2	24.7	2.21
I16	20071204	3	15.6	84	8.0	33.5	8.2	24.7	2.54
I16	20071204	4	15.6	84	8.0	33.5	8.2	24.7	2.66
I16	20071204	5	15.6	84	8.0	33.5	8.2	24.7	3.04
I16	20071204	6	15.6	84	8.0	33.5	8.2	24.7	3.28
I16	20071204	7	15.6	84	8.0	33.5	8.2	24.7	3.61
I16	20071204	8	15.6	84	8.0	33.5	8.2	24.7	3.88
I16	20071204	9	15.6	84	8.0	33.5	8.2	24.7	3.87
I16	20071204	10	15.4	85	8.0	33.5	8.2	24.7	3.44
I16	20071204	11	15.1	87	8.0	33.5	8.2	24.8	3.47
I16	20071204	12	14.5	87	8.0	33.5	8.2	24.9	3.32
I16	20071204	13	14.1	87	7.8	33.4	8.1	24.9	3.24
I16	20071204	14	13.9	88	7.6	33.4	8.1	25.0	3.18
I16	20071204	15	13.8	88	7.6	33.4	8.1	25.0	3.25
I16	20071204	16	13.4	88	7.5	33.4	8.1	25.1	3.19
I16	20071204	17	13.4	88	7.4	33.4	8.1	25.1	3.86
I16	20071204	18	13.3	88	7.3	33.4	8.1	25.1	3.22
I16	20071204	19	13.2	89	7.3	33.4	8.1	25.1	2.94
I16	20071204	20	13.2	89	7.2	33.4	8.1	25.1	3.07
I16	20071204	21	13.1	88	7.2	33.4	8.1	25.2	3.18
I16	20071204	22	12.8	88	7.2	33.4	8.1	25.2	2.93
I16	20071204	23	12.6	87	7.1	33.5	8.1	25.3	2.74
I16	20071204	24	12.6	85	6.9	33.4	8.0	25.3	2.49
I16	20071204	25	12.6	84	6.7	33.4	8.0	25.3	2.27
I16	20071204	26	12.6	82	6.6	33.4	8.0	25.3	2.19
I17	20071204	1	15.4	81	7.8	33.5	8.2	24.7	1.91
I17	20071204	2	15.4	81	7.8	33.5	8.2	24.7	1.90
I17	20071204	3	15.4	81	7.8	33.5	8.2	24.7	2.03
I17	20071204	4	15.4	81	7.8	33.5	8.2	24.7	2.44
I17	20071204	5	15.4	81	7.8	33.5	8.2	24.7	2.94
I17	20071204	6	15.4	81	7.8	33.5	8.2	24.7	3.33
I17	20071204	7	15.4	81	7.8	33.5	8.2	24.7	3.69
I17	20071204	8	15.4	81	7.8	33.5	8.2	24.7	3.62
I17	20071204	9	15.4	81	7.8	33.5	8.2	24.7	3.69
I17	20071204	10	15.2	82	7.8	33.5	8.2	24.8	3.40
I17	20071204	11	14.2	84	7.8	33.4	8.2	24.9	3.25
I17	20071204	12	13.8	87	7.6	33.4	8.1	25.0	3.05
I17	20071204	13	13.5	88	7.5	33.4	8.1	25.1	3.29
I17	20071204	14	13.4	88	7.4	33.4	8.1	25.1	3.58
I17	20071204	15	13.4	88	7.3	33.4	8.1	25.1	3.58
I17	20071204	16	13.4	88	7.3	33.4	8.1	25.1	3.50

CTD PROFILE DATA

STN	DATE	DEPTH m	TEMP deg C	XMS %	DO mg/L	SAL ppt	pH	DENSITY sigma-t	CHLOR ug/L
I17	20071204	17	13.3	87	7.2	33.4	8.1	25.1	3.09
I17	20071204	18	13.2	87	7.2	33.4	8.1	25.1	3.07
I17	20071204	19	13.0	87	6.9	33.4	8.1	25.2	3.07
I17	20071204	20	12.9	87	7.0	33.4	8.1	25.2	3.06
I17	20071204	21	12.8	86	6.9	33.4	8.1	25.2	2.76
I17	20071204	22	12.7	86	6.8	33.4	8.1	25.2	2.61
I17	20071204	23	12.7	86	6.7	33.4	8.1	25.2	2.52
I17	20071204	24	12.6	85	6.7	33.4	8.0	25.3	2.49
I17	20071204	25	12.6	84	6.6	33.4	8.0	25.3	2.34
I17	20071204	26	12.6	84	6.6	33.4	8.0	25.3	2.37
I18	20071204	1	15.5	77	7.9	33.4	8.2	24.7	2.28
I18	20071204	2	15.5	78	7.9	33.4	8.2	24.7	2.51
I18	20071204	3	15.5	77	7.9	33.4	8.2	24.7	3.06
I18	20071204	4	15.5	77	7.9	33.4	8.2	24.7	3.52
I18	20071204	5	15.5	77	7.9	33.4	8.2	24.7	3.80
I18	20071204	6	15.5	78	7.9	33.4	8.2	24.7	3.98
I18	20071204	7	15.5	78	7.9	33.4	8.2	24.7	3.49
I18	20071204	8	15.5	79	7.9	33.5	8.2	24.7	3.07
I18	20071204	9	15.4	79	7.9	33.5	8.2	24.7	2.81
I18	20071204	10	15.3	80	7.9	33.5	8.2	24.7	2.68
I18	20071204	11	15.1	81	7.9	33.5	8.2	24.8	2.48
I18	20071204	12	14.9	81	7.9	33.5	8.2	24.8	2.27
I18	20071204	13	14.4	82	7.8	33.5	8.2	24.9	2.13
I18	20071204	14	14.2	82	7.6	33.4	8.1	24.9	2.16
I18	20071204	15	13.9	82	7.5	33.4	8.1	25.0	2.24
I18	20071204	16	13.6	83	7.4	33.4	8.1	25.0	2.38
I18	20071204	17	13.0	84	7.3	33.5	8.1	25.2	2.43
I18	20071204	18	12.8	84	7.1	33.5	8.1	25.2	2.37
I18	20071204	19	12.8	84	6.9	33.4	8.1	25.2	2.38
I18	20071204	20	12.8	83	6.7	33.4	8.1	25.2	2.35
I19	20071204	1	15.4	77	7.9	33.5	8.2	24.7	2.10
I19	20071204	2	15.4	79	7.9	33.5	8.2	24.7	2.43
I19	20071204	3	15.4	79	7.9	33.5	8.2	24.7	3.04
I19	20071204	4	15.2	79	7.9	33.4	8.2	24.7	3.61
I19	20071204	5	15.0	79	7.9	33.4	8.2	24.8	3.84
I19	20071204	6	14.9	77	7.9	33.4	8.2	24.8	4.10
I19	20071204	7	14.8	74	7.9	33.4	8.2	24.8	4.04
I19	20071204	8	14.8	72	7.9	33.4	8.2	24.8	3.87
I19	20071204	9	14.8	72	7.8	33.4	8.2	24.8	3.76
I19	20071204	10	14.8	71	7.9	33.4	8.2	24.8	3.47
I19	20071204	11	14.7	70	7.9	33.4	8.2	24.8	3.95
I2	20071211	1	14.7	87	7.9	33.5	8.2	24.9	2.36
I2	20071211	2	14.7	88	7.9	33.5	8.2	24.9	2.46
I2	20071211	3	14.7	88	7.9	33.5	8.2	24.9	2.41
I2	20071211	4	14.7	88	7.9	33.5	8.2	24.9	2.42

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CTD PROFILE DATA

STN	DATE	DEPTH m	TEMP deg C	XMS %	DO mg/L	SAL ppt	pH	DENSITY sigma-t	CHLOR ug/L
I2	20071211	5	14.7	88	7.9	33.5	8.2	24.9	2.39
I2	20071211	6	14.7	88	7.9	33.5	8.2	24.9	2.33
I2	20071211	7	14.7	88	7.9	33.5	8.2	24.9	2.44
I2	20071211	8	14.7	88	7.9	33.5	8.2	24.9	2.38
I2	20071211	9	14.7	88	7.9	33.5	8.2	24.9	2.37
I2	20071211	10	14.7	88	7.9	33.5	8.2	24.9	2.37
I2	20071211	11	14.7	88	7.9	33.5	8.2	24.9	2.35
I2	20071211	12	14.7	88	7.9	33.5	8.2	24.9	2.23
I2	20071211	13	14.7	88	7.9	33.5	8.2	24.9	2.31
I2	20071211	14	14.7	88	7.9	33.5	8.2	24.9	2.32
I2	20071211	15	14.7	88	7.9	33.5	8.2	24.9	2.23
I2	20071211	16	14.7	88	7.9	33.5	8.2	24.9	2.20
I2	20071211	17	14.7	88	7.9	33.5	8.2	24.9	2.29
I2	20071211	18	14.7	88	7.9	33.5	8.2	24.9	2.42
I2	20071211	19	14.7	88	7.9	33.5	8.2	24.9	2.22
I2	20071211	20	14.7	88	7.9	33.5	8.2	24.9	2.22
I2	20071211	21	14.6	88	7.9	33.5	8.2	24.9	2.18
I2	20071211	22	14.6	88	7.9	33.5	8.2	24.9	2.14
I2	20071211	23	14.6	88	7.9	33.5	8.2	24.9	2.18
I2	20071211	24	14.5	88	7.9	33.5	8.2	24.9	2.02
I2	20071211	25	14.4	88	7.8	33.5	8.2	24.9	1.99
I2	20071211	26	14.1	88	7.8	33.5	8.2	25.0	1.94
I2	20071211	27	14.0	88	7.7	33.5	8.1	25.0	1.98
I2	20071211	28	13.9	88	7.5	33.4	8.1	25.0	2.11
I2	20071211	29	13.8	87	7.4	33.4	8.1	25.0	2.07
I2	20071211	30	13.8	86	7.3	33.4	8.1	25.0	2.10
I2	20071211	31	13.8	85	7.3	33.4	8.1	25.0	2.10
I2	20071211	32	13.7	85	7.2	33.4	8.1	25.0	2.19
I2	20071211	33	13.7	84	7.2	33.4	8.1	25.0	2.10
I2	20071211	34	13.7	83	7.2	33.4	8.1	25.0	2.15
I2	20071211	35	13.6	79	7.1	33.4	8.1	25.1	2.37
I20	20071211	1	14.5	86	7.9	33.5	8.2	24.9	3.26
I20	20071211	2	14.5	87	7.9	33.5	8.2	24.9	3.22
I20	20071211	3	14.5	87	7.9	33.5	8.2	24.9	3.24
I20	20071211	4	14.5	87	7.9	33.5	8.2	24.9	3.26
I20	20071211	5	14.5	87	7.9	33.5	8.2	24.9	3.27
I20	20071211	6	14.5	87	7.9	33.5	8.2	24.9	3.25
I20	20071211	7	14.5	87	7.9	33.5	8.2	24.9	3.30
I20	20071211	8	14.5	87	7.9	33.5	8.2	24.9	3.27
I20	20071211	9	14.5	87	7.9	33.5	8.2	24.9	3.31
I20	20071211	10	14.5	87	7.9	33.5	8.2	24.9	3.28
I20	20071211	11	14.5	87	7.9	33.5	8.2	24.9	3.28
I20	20071211	12	14.5	87	7.9	33.5	8.2	24.9	3.17
I20	20071211	13	14.5	87	7.9	33.5	8.2	24.9	3.17
I20	20071211	14	14.5	87	7.9	33.5	8.2	24.9	3.12

CTD PROFILE DATA

STN	DATE	DEPTH m	TEMP deg C	XMS %	DO mg/L	SAL ppt	pH	DENSITY sigma-t	CHLOR ug/L
I20	20071211	15	14.4	87	7.9	33.5	8.2	24.9	3.10
I20	20071211	16	14.4	87	7.9	33.5	8.2	24.9	3.13
I20	20071211	17	14.4	87	7.9	33.5	8.2	24.9	3.14
I20	20071211	18	14.4	87	7.9	33.5	8.2	24.9	3.16
I20	20071211	19	14.4	87	7.9	33.5	8.2	24.9	3.12
I20	20071211	20	14.4	87	7.9	33.5	8.2	24.9	3.14
I20	20071211	21	14.4	87	7.9	33.5	8.2	24.9	3.15
I20	20071211	22	14.4	87	7.9	33.5	8.2	24.9	3.09
I20	20071211	23	14.1	87	8.0	33.5	8.2	25.0	2.86
I20	20071211	24	13.8	86	7.8	33.5	8.1	25.0	2.73
I20	20071211	25	13.5	84	7.6	33.5	8.1	25.1	2.58
I20	20071211	26	13.4	84	7.2	33.5	8.1	25.1	2.45
I20	20071211	27	13.4	83	7.1	33.5	8.1	25.1	2.39
I20	20071211	28	13.3	83	6.9	33.5	8.1	25.1	2.33
I20	20071211	29	13.1	82	6.9	33.5	8.0	25.2	2.19
I20	20071211	30	13.1	81	6.8	33.4	8.0	25.2	2.15
I20	20071211	31	13.1	81	6.6	33.4	8.0	25.2	2.17
I20	20071211	32	13.1	82	6.6	33.4	8.0	25.2	2.12
I20	20071211	33	13.0	82	6.6	33.4	8.0	25.2	2.07
I20	20071211	34	12.9	83	6.6	33.5	8.0	25.2	1.96
I20	20071211	35	12.7	84	6.6	33.5	8.0	25.2	1.75
I20	20071211	36	12.7	84	6.6	33.4	8.0	25.3	1.67
I20	20071211	37	12.7	84	6.5	33.4	8.0	25.3	1.60
I20	20071211	38	12.6	85	6.5	33.4	8.0	25.3	1.57
I20	20071211	39	12.6	86	6.5	33.4	8.0	25.3	1.57
I20	20071211	40	12.6	86	6.5	33.4	8.0	25.3	1.56
I20	20071211	41	12.6	85	6.5	33.4	8.0	25.3	1.55
I20	20071211	42	12.6	84	6.5	33.4	8.0	25.3	1.53
I20	20071211	43	12.6	84	6.5	33.5	8.0	25.3	1.54
I20	20071211	44	12.6	84	6.4	33.5	8.0	25.3	1.53
I20	20071211	45	12.6	84	6.4	33.5	8.0	25.3	1.52
I20	20071211	46	12.5	83	6.4	33.5	8.0	25.3	1.50
I20	20071211	47	12.5	83	6.4	33.5	8.0	25.3	1.50
I20	20071211	48	12.5	82	6.3	33.5	8.0	25.3	1.50
I20	20071211	49	12.5	82	6.3	33.5	8.0	25.3	1.51
I20	20071211	50	12.5	82	6.3	33.5	8.0	25.3	1.49
I20	20071211	51	12.5	81	6.2	33.5	8.0	25.3	1.50
I20	20071211	52	12.5	81	6.2	33.5	8.0	25.3	1.49
I20	20071211	53	12.5	81	6.2	33.5	8.0	25.3	1.48
I20	20071211	54	12.5	80	6.2	33.5	8.0	25.3	1.51
I20	20071211	55	12.5	80	6.2	33.5	8.0	25.3	1.53
I20	20071211	56	12.5	80	6.2	33.5	8.0	25.3	1.51
I20	20071211	57	12.5	80	6.2	33.5	8.0	25.3	1.56
I21	20071211	1	14.6	86	7.9	33.5	8.2	24.9	1.79
I21	20071211	2	14.6	87	7.9	33.5	8.2	24.9	1.73

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CTD PROFILE DATA

STN	DATE	DEPTH m	TEMP deg C	XMS %	DO mg/L	SAL ppt	pH	DENSITY sigma-t	CHLOR ug/L
I21	20071211	3	14.6	87	7.9	33.5	8.2	24.9	1.72
I21	20071211	4	14.6	87	7.9	33.5	8.2	24.9	1.93
I21	20071211	5	14.6	87	7.9	33.5	8.2	24.9	2.02
I21	20071211	6	14.6	87	7.9	33.5	8.2	24.9	2.39
I21	20071211	7	14.6	87	7.9	33.5	8.2	24.9	2.61
I21	20071211	8	14.5	87	7.9	33.5	8.2	24.9	2.56
I21	20071211	9	14.5	87	7.9	33.5	8.2	24.9	2.79
I21	20071211	10	14.5	87	7.9	33.5	8.2	24.9	2.66
I21	20071211	11	14.5	87	7.9	33.5	8.2	24.9	2.75
I21	20071211	12	14.5	87	7.9	33.5	8.2	24.9	2.76
I21	20071211	13	14.5	87	7.9	33.5	8.2	24.9	2.92
I21	20071211	14	14.5	87	7.9	33.5	8.2	24.9	2.83
I21	20071211	15	14.5	87	7.9	33.5	8.2	24.9	2.67
I21	20071211	16	14.4	87	7.9	33.5	8.2	24.9	2.98
I21	20071211	17	14.4	87	7.9	33.5	8.2	24.9	2.80
I21	20071211	18	14.4	87	7.9	33.5	8.2	24.9	2.70
I21	20071211	19	14.3	87	7.8	33.5	8.2	24.9	2.98
I21	20071211	20	14.3	87	7.8	33.5	8.2	25.0	2.63
I21	20071211	21	14.2	87	7.7	33.5	8.2	25.0	2.66
I21	20071211	22	14.1	88	7.7	33.5	8.2	25.0	2.57
I21	20071211	23	13.9	87	7.6	33.5	8.1	25.0	2.71
I21	20071211	24	13.8	87	7.5	33.5	8.1	25.0	2.29
I21	20071211	25	13.7	86	7.3	33.5	8.1	25.1	2.25
I21	20071211	26	13.6	86	7.2	33.5	8.1	25.1	2.22
I21	20071211	27	13.6	85	7.1	33.5	8.1	25.1	2.22
I21	20071211	28	13.6	85	7.1	33.5	8.1	25.1	2.29
I21	20071211	29	13.5	86	7.0	33.5	8.1	25.1	2.19
I21	20071211	30	13.5	85	7.0	33.5	8.1	25.1	2.14
I21	20071211	31	13.5	85	7.0	33.5	8.1	25.1	2.12
I21	20071211	32	13.5	85	6.9	33.4	8.1	25.1	1.97
I21	20071211	33	13.5	83	6.9	33.4	8.1	25.1	2.03
I21	20071211	34	13.5	83	6.9	33.4	8.1	25.1	1.96
I21	20071211	35	13.5	83	6.8	33.4	8.1	25.1	2.00
I21	20071211	36	13.5	84	6.8	33.4	8.1	25.1	1.97
I21	20071211	37	13.5	83	6.8	33.5	8.1	25.1	2.00
I21	20071211	38	13.4	83	6.8	33.4	8.1	25.1	1.94
I21	20071211	39	13.4	83	6.8	33.4	8.1	25.1	1.83
I21	20071211	40	13.2	83	6.7	33.4	8.1	25.1	1.68
I21	20071211	41	13.2	82	6.5	33.4	8.1	25.2	1.68
I21	20071211	42	13.0	80	6.4	33.5	8.0	25.2	1.66
I21	20071211	43	12.9	79	6.4	33.5	8.0	25.2	1.62
I22	20071204	1	15.9	88	7.9	33.5	8.2	24.6	1.10
I22	20071204	2	15.9	89	7.9	33.5	8.2	24.6	1.04
I22	20071204	3	15.8	89	7.9	33.5	8.2	24.6	1.10
I22	20071204	4	15.8	89	7.9	33.5	8.2	24.6	1.20

CTD PROFILE DATA

STN	DATE	DEPTH m	TEMP deg C	XMS %	DO mg/L	SAL ppt	pH	DENSITY sigma-t	CHLOR ug/L
I22	20071204	5	15.8	89	7.9	33.5	8.2	24.6	1.37
I22	20071204	6	15.8	88	7.9	33.5	8.2	24.6	1.42
I22	20071204	7	15.8	88	7.9	33.5	8.2	24.6	1.88
I22	20071204	8	15.8	88	7.9	33.5	8.2	24.6	1.51
I22	20071204	9	15.8	88	7.9	33.5	8.2	24.6	1.63
I22	20071204	10	15.8	88	7.9	33.5	8.2	24.6	1.79
I22	20071204	11	15.7	88	7.9	33.5	8.2	24.6	1.82
I22	20071204	12	15.7	88	7.9	33.5	8.2	24.6	1.99
I22	20071204	13	15.6	88	8.0	33.5	8.2	24.7	2.00
I22	20071204	14	15.2	88	7.9	33.5	8.2	24.7	2.12
I22	20071204	15	14.7	88	7.9	33.4	8.2	24.8	2.41
I22	20071204	16	14.5	88	7.8	33.4	8.2	24.9	2.63
I22	20071204	17	14.2	88	7.8	33.4	8.2	24.9	2.61
I22	20071204	18	13.8	88	7.7	33.4	8.2	25.0	2.76
I22	20071204	19	13.8	88	7.6	33.4	8.1	25.0	2.87
I22	20071204	20	13.7	88	7.6	33.4	8.1	25.0	2.89
I22	20071204	21	13.7	88	7.6	33.4	8.1	25.0	3.14
I22	20071204	22	13.7	88	7.5	33.4	8.1	25.0	3.54
I22	20071204	23	13.7	88	7.5	33.4	8.1	25.0	3.92
I22	20071204	24	13.5	88	7.5	33.4	8.1	25.1	4.20
I22	20071204	25	13.0	88	7.5	33.4	8.1	25.2	3.59
I22	20071204	26	12.8	87	7.2	33.4	8.1	25.2	2.97
I22	20071204	27	12.7	87	7.0	33.5	8.1	25.3	2.66
I22	20071204	28	12.6	86	6.8	33.5	8.1	25.3	2.56
I22	20071204	29	12.6	85	6.7	33.5	8.1	25.3	2.46
I23	20071204	1	15.5	80	8.0	33.5	8.2	24.7	1.62
I23	20071204	2	15.4	81	8.0	33.5	8.2	24.7	1.70
I23	20071204	3	15.4	81	8.0	33.5	8.2	24.7	1.94
I23	20071204	4	15.4	81	8.1	33.5	8.2	24.7	2.36
I23	20071204	5	15.3	80	8.1	33.5	8.2	24.7	2.73
I23	20071204	6	15.3	80	8.0	33.5	8.2	24.7	3.10
I23	20071204	7	15.3	80	8.0	33.5	8.2	24.7	3.37
I23	20071204	8	15.2	81	8.0	33.5	8.2	24.7	3.36
I23	20071204	9	15.2	81	8.0	33.5	8.2	24.8	3.30
I23	20071204	10	15.2	81	7.9	33.5	8.2	24.8	3.17
I23	20071204	11	15.1	81	7.9	33.5	8.2	24.8	2.96
I23	20071204	12	14.8	82	7.9	33.5	8.2	24.8	2.57
I23	20071204	13	14.6	82	7.8	33.5	8.2	24.9	2.55
I23	20071204	14	14.5	83	7.7	33.5	8.2	24.9	2.50
I23	20071204	15	14.2	82	7.6	33.5	8.2	24.9	2.34
I23	20071204	16	13.7	80	7.5	33.4	8.1	25.0	2.07
I23	20071204	17	13.5	76	7.3	33.4	8.1	25.1	2.16
I23	20071204	18	13.4	72	7.1	33.4	8.1	25.1	2.28
I23	20071204	19	13.2	66	7.0	33.4	8.1	25.1	2.23
I23	20071204	20	13.2	63	6.9	33.4	8.1	25.1	2.24

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CTD PROFILE DATA

STN	DATE	DEPTH	TEMP	XMS	DO	SAL	pH	DENSITY	CHLOR
		m	deg C	%	mg/L	ppt		sigma-t	ug/L
I23	20071204	21	13.2	48	6.8	33.4	8.1	25.1	2.46
I24	20071204	1	15.7	79	7.5	33.5	8.2	24.7	2.30
I24	20071204	2	15.7	79	7.5	33.5	8.2	24.7	2.42
I24	20071204	3	15.7	79	7.5	33.5	8.2	24.7	2.65
I24	20071204	4	15.7	79	7.5	33.5	8.2	24.7	2.81
I24	20071204	5	15.7	79	7.5	33.5	8.2	24.7	2.79
I24	20071204	6	15.6	79	7.5	33.5	8.2	24.7	2.78
I24	20071204	7	15.6	78	7.5	33.5	8.2	24.7	2.45
I24	20071204	8	15.1	76	7.4	33.5	8.2	24.8	2.12
I24	20071204	9	14.6	62	7.3	33.5	8.2	24.9	2.15
I24	20071204	10	14.6	51	7.3	33.5	8.2	24.9	2.35
I24	20071204	11	14.6	49	7.2	33.5	8.1	24.9	2.60
I25	20071204	1	15.7	78	7.7	33.5	8.2	24.7	3.34
I25	20071204	2	15.7	78	7.6	33.5	8.2	24.6	3.24
I25	20071204	3	15.7	77	7.2	33.5	8.2	24.6	3.52
I25	20071204	4	15.7	77	6.6	33.5	8.2	24.6	3.64
I25	20071204	5	15.7	77	6.5	33.5	8.2	24.6	4.68
I25	20071204	6	15.7	77	6.2	33.5	8.2	24.6	3.63
I25	20071204	7	15.7	77	6.1	33.5	8.2	24.6	3.27
I25	20071204	8	15.7	77	6.2	33.5	8.2	24.7	3.66
I25	20071204	9	15.7	76	6.8	33.5	8.2	24.7	4.03
I26	20071204	1	15.6	76	7.7	33.5	8.2	24.7	3.60
I26	20071204	2	15.6	76	7.7	33.5	8.2	24.7	3.79
I26	20071204	3	15.6	76	7.8	33.5	8.2	24.7	3.94
I26	20071204	4	15.6	76	7.8	33.5	8.2	24.7	4.10
I26	20071204	5	15.6	76	7.8	33.5	8.2	24.7	4.49
I26	20071204	6	15.6	76	7.8	33.5	8.2	24.7	4.49
I26	20071204	7	15.6	76	7.8	33.5	8.2	24.7	4.54
I26	20071204	8	15.6	76	7.7	33.5	8.2	24.7	4.59
I26	20071204	9	15.6	76	7.7	33.5	8.2	24.7	3.95
I26	20071204	10	15.7	76	7.8	33.5	8.2	24.7	3.48
I27	20071204	1	15.7	88	7.9	33.5	8.2	24.6	1.98
I27	20071204	2	15.7	88	7.9	33.5	8.2	24.6	2.02
I27	20071204	3	15.7	88	7.9	33.5	8.2	24.6	2.01
I27	20071204	4	15.7	88	7.9	33.5	8.2	24.6	2.14
I27	20071204	5	15.7	88	7.9	33.5	8.2	24.6	2.24
I27	20071204	6	15.7	89	7.9	33.5	8.2	24.6	2.31
I27	20071204	7	15.7	89	7.9	33.5	8.2	24.6	2.28
I27	20071204	8	15.7	89	7.9	33.5	8.2	24.6	2.23
I27	20071204	9	15.7	89	7.9	33.5	8.2	24.6	2.28
I27	20071204	10	15.7	89	7.9	33.5	8.2	24.6	2.68
I27	20071204	11	15.7	89	7.9	33.5	8.2	24.6	2.24
I27	20071204	12	15.7	89	7.9	33.5	8.2	24.6	2.27
I27	20071204	13	15.7	89	7.9	33.5	8.2	24.7	2.17
I27	20071204	14	15.6	89	7.9	33.5	8.2	24.7	2.10

CTD PROFILE DATA

STN	DATE	DEPTH m	TEMP deg C	XMS %	DO mg/L	SAL ppt	pH	DENSITY sigma-t	CHLOR ug/L
I27	20071204	15	15.4	89	7.9	33.5	8.2	24.7	2.29
I27	20071204	16	14.7	89	7.9	33.4	8.2	24.8	2.52
I27	20071204	17	14.4	89	7.8	33.4	8.2	24.9	2.84
I27	20071204	18	14.1	89	7.7	33.4	8.1	25.0	3.62
I27	20071204	19	13.9	88	7.7	33.4	8.1	25.0	4.24
I27	20071204	20	13.7	88	7.6	33.4	8.1	25.0	4.57
I27	20071204	21	13.5	88	7.5	33.4	8.1	25.1	4.31
I27	20071204	22	13.3	88	7.5	33.4	8.1	25.1	4.30
I27	20071204	23	13.1	88	7.4	33.4	8.1	25.2	3.95
I27	20071204	24	12.8	88	7.2	33.5	8.1	25.2	3.24
I27	20071204	25	12.5	87	7.1	33.5	8.1	25.3	2.38
I27	20071204	26	12.5	87	6.9	33.5	8.0	25.3	2.08
I27	20071204	27	12.5	86	6.7	33.5	8.0	25.3	2.10
I27	20071204	28	12.5	86	6.5	33.5	8.0	25.3	2.04
I27	20071204	29	12.5	86	6.5	33.5	8.0	25.3	2.06
I27	20071204	30	12.4	85	6.5	33.5	8.0	25.3	2.02
I28	20071203	1	16.0	87	6.5	33.5	8.2	24.6	1.31
I28	20071203	2	16.0	88	6.7	33.5	8.2	24.6	1.24
I28	20071203	3	16.0	88	6.8	33.5	8.2	24.6	1.26
I28	20071203	4	16.0	88	7.2	33.5	8.2	24.6	1.23
I28	20071203	5	16.0	88	7.5	33.5	8.2	24.6	1.29
I28	20071203	6	16.0	88	7.8	33.5	8.2	24.6	1.51
I28	20071203	7	16.0	88	7.8	33.5	8.2	24.6	1.55
I28	20071203	8	16.0	88	7.8	33.5	8.2	24.6	1.58
I28	20071203	9	16.0	88	7.8	33.5	8.2	24.6	1.66
I28	20071203	10	16.0	88	7.8	33.5	8.2	24.6	1.77
I28	20071203	11	16.0	88	7.9	33.5	8.2	24.6	1.91
I28	20071203	12	16.0	88	7.9	33.5	8.2	24.6	2.18
I28	20071203	13	15.9	88	7.9	33.5	8.2	24.6	2.29
I28	20071203	14	15.8	88	7.9	33.5	8.2	24.6	2.34
I28	20071203	15	15.3	88	7.9	33.5	8.2	24.7	2.15
I28	20071203	16	15.2	88	7.8	33.4	8.2	24.7	2.28
I28	20071203	17	14.6	89	7.8	33.5	8.2	24.9	2.51
I28	20071203	18	14.4	88	7.7	33.4	8.2	24.9	3.62
I28	20071203	19	14.1	88	7.7	33.4	8.2	25.0	5.04
I28	20071203	20	14.0	86	7.7	33.4	8.2	25.0	5.46
I28	20071203	21	14.0	86	7.6	33.4	8.2	25.0	5.66
I28	20071203	22	13.8	86	7.6	33.4	8.2	25.0	5.57
I28	20071203	23	13.7	86	7.6	33.4	8.2	25.1	5.41
I28	20071203	24	13.4	87	7.5	33.4	8.1	25.1	4.95
I28	20071203	25	13.2	87	7.4	33.4	8.1	25.1	4.64
I28	20071203	26	13.0	88	7.3	33.4	8.1	25.2	4.22
I28	20071203	27	13.0	88	7.2	33.4	8.1	25.2	4.09
I28	20071203	28	12.9	88	7.2	33.4	8.1	25.2	3.88
I28	20071203	29	12.6	88	7.1	33.4	8.1	25.2	3.42

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CTD PROFILE DATA

STN	DATE	DEPTH m	TEMP deg C	XMS %	DO mg/L	SAL ppt	pH	DENSITY sigma-t	CHLOR ug/L
I28	20071203	30	12.4	89	7.0	33.4	8.1	25.3	2.57
I28	20071203	31	12.4	89	6.8	33.4	8.1	25.3	2.21
I28	20071203	32	12.4	88	6.6	33.5	8.1	25.3	2.05
I28	20071203	33	12.4	88	6.5	33.5	8.1	25.3	1.98
I28	20071203	34	12.4	89	6.5	33.5	8.1	25.3	1.94
I28	20071203	35	12.4	89	6.5	33.5	8.1	25.3	1.91
I28	20071203	36	12.3	89	6.5	33.5	8.0	25.3	1.89
I28	20071203	37	12.3	89	6.4	33.5	8.0	25.3	1.84
I28	20071203	38	12.3	89	6.4	33.5	8.0	25.3	1.80
I28	20071203	39	12.3	89	6.4	33.5	8.0	25.3	1.79
I28	20071203	40	12.2	89	6.4	33.5	8.0	25.4	1.76
I28	20071203	41	12.2	89	6.4	33.5	8.0	25.4	1.69
I28	20071203	42	12.2	89	6.3	33.5	8.0	25.4	1.65
I28	20071203	43	12.1	89	6.3	33.5	8.0	25.4	1.57
I28	20071203	44	12.1	89	6.2	33.5	8.0	25.4	1.52
I28	20071203	45	12.1	89	6.2	33.5	8.0	25.4	1.50
I28	20071203	46	12.1	89	6.2	33.5	8.0	25.4	1.43
I28	20071203	47	12.0	89	6.1	33.5	8.0	25.4	1.34
I28	20071203	48	12.0	89	6.1	33.5	8.0	25.4	1.26
I28	20071203	49	11.9	89	6.0	33.5	8.0	25.4	1.18
I28	20071203	50	11.9	89	5.9	33.5	8.0	25.5	1.09
I28	20071203	51	11.9	89	5.8	33.5	8.0	25.5	1.02
I28	20071203	52	11.9	89	5.7	33.5	8.0	25.5	1.01
I28	20071203	53	11.8	89	5.7	33.5	8.0	25.5	1.00
I28	20071203	54	11.8	89	5.6	33.5	8.0	25.5	1.00
I28	20071203	55	11.8	89	5.6	33.5	8.0	25.5	0.97
I28	20071203	56	11.7	88	5.6	33.6	8.0	25.5	0.93
I28	20071203	57	11.6	87	5.5	33.6	8.0	25.5	0.88
I29	20071203	1	15.9	81	8.0	33.5	8.2	24.6	2.17
I29	20071203	2	15.9	82	8.0	33.5	8.2	24.6	2.26
I29	20071203	3	15.8	82	8.0	33.5	8.2	24.6	2.56
I29	20071203	4	15.8	82	8.0	33.5	8.2	24.6	3.16
I29	20071203	5	15.8	81	8.0	33.5	8.2	24.6	3.57
I29	20071203	6	15.8	81	8.0	33.5	8.2	24.6	4.08
I29	20071203	7	15.8	81	8.0	33.5	8.2	24.6	4.46
I29	20071203	8	15.8	81	8.0	33.5	8.2	24.6	5.03
I29	20071203	9	15.8	81	8.0	33.5	8.2	24.6	5.19
I29	20071203	10	15.8	81	8.0	33.5	8.2	24.6	5.18
I29	20071203	11	15.8	81	8.0	33.5	8.2	24.6	5.39
I29	20071203	12	15.8	81	8.0	33.5	8.2	24.6	5.41
I29	20071203	13	15.8	81	8.0	33.5	8.2	24.6	5.05
I29	20071203	14	15.8	82	8.0	33.5	8.2	24.7	4.73
I29	20071203	15	15.8	81	8.0	33.5	8.2	24.7	4.33
I29	20071203	16	15.7	82	8.0	33.5	8.2	24.7	3.77
I29	20071203	17	14.5	83	8.0	33.5	8.2	24.9	3.02

CTD PROFILE DATA

STN	DATE	DEPTH m	TEMP deg C	XMS %	DO mg/L	SAL ppt	pH	DENSITY sigma-t	CHLOR ug/L
I29	20071203	18	14.1	83	7.7	33.4	8.2	25.0	3.17
I29	20071203	19	13.8	86	7.6	33.4	8.2	25.0	2.92
I29	20071203	20	13.6	87	7.5	33.4	8.1	25.0	3.15
I29	20071203	21	13.6	88	7.4	33.4	8.1	25.0	3.17
I29	20071203	22	13.6	88	7.4	33.4	8.1	25.0	3.17
I29	20071203	23	13.5	88	7.4	33.4	8.1	25.1	3.18
I29	20071203	24	13.5	88	7.3	33.4	8.1	25.1	3.02
I29	20071203	25	13.4	88	7.3	33.4	8.1	25.1	2.90
I29	20071203	26	13.4	88	7.3	33.4	8.1	25.1	2.85
I29	20071203	27	13.4	88	7.2	33.4	8.1	25.1	2.81
I29	20071203	28	13.3	88	7.2	33.4	8.1	25.1	2.80
I29	20071203	29	13.3	88	7.2	33.4	8.1	25.1	2.81
I29	20071203	30	13.3	88	7.2	33.4	8.1	25.1	2.81
I29	20071203	31	13.2	88	7.1	33.4	8.1	25.1	2.70
I29	20071203	32	13.1	88	7.1	33.4	8.1	25.2	2.67
I29	20071203	33	13.0	88	7.0	33.4	8.1	25.2	2.60
I29	20071203	34	12.8	88	7.0	33.4	8.1	25.2	2.34
I29	20071203	35	12.8	88	6.9	33.4	8.1	25.2	2.16
I29	20071203	36	12.7	88	6.8	33.4	8.1	25.2	2.05
I29	20071203	37	12.7	88	6.7	33.4	8.1	25.2	2.05
I29	20071203	38	12.7	87	6.7	33.4	8.1	25.2	1.99
I3	20071211	1	14.6	85	7.9	33.5	8.2	24.9	3.32
I3	20071211	2	14.6	85	7.9	33.5	8.2	24.9	3.50
I3	20071211	3	14.6	86	7.9	33.5	8.2	24.9	3.55
I3	20071211	4	14.6	86	7.9	33.5	8.2	24.9	3.60
I3	20071211	5	14.6	86	7.9	33.5	8.2	24.9	3.69
I3	20071211	6	14.6	86	7.9	33.5	8.2	24.9	3.71
I3	20071211	7	14.6	86	7.9	33.5	8.2	24.9	3.53
I3	20071211	8	14.6	86	7.9	33.5	8.2	24.9	3.59
I3	20071211	9	14.6	86	7.9	33.5	8.2	24.9	3.51
I3	20071211	10	14.6	86	7.9	33.5	8.2	24.9	3.51
I3	20071211	11	14.6	86	7.9	33.5	8.2	24.9	3.51
I3	20071211	12	14.6	86	7.9	33.5	8.2	24.9	3.55
I3	20071211	13	14.6	86	7.9	33.5	8.2	24.9	3.52
I3	20071211	14	14.6	86	7.9	33.5	8.2	24.9	3.56
I3	20071211	15	14.6	86	7.9	33.5	8.2	24.9	3.43
I3	20071211	16	14.6	86	7.9	33.5	8.2	24.9	3.45
I3	20071211	17	14.6	86	7.9	33.5	8.2	24.9	3.44
I3	20071211	18	14.6	86	7.9	33.5	8.2	24.9	3.44
I3	20071211	19	14.6	86	7.9	33.5	8.2	24.9	3.34
I3	20071211	20	14.6	86	7.9	33.5	8.2	24.9	3.23
I3	20071211	21	14.6	86	7.9	33.5	8.2	24.9	3.31
I3	20071211	22	14.6	86	7.9	33.5	8.2	24.9	3.34
I3	20071211	23	14.6	86	7.9	33.5	8.2	24.9	3.22
I3	20071211	24	14.6	86	7.9	33.5	8.2	24.9	3.16

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CTD PROFILE DATA

STN	DATE	DEPTH m	TEMP deg C	XMS %	DO mg/L	SAL ppt	pH	DENSITY sigma-t	CHLOR ug/L
I3	20071211	25	14.5	86	7.9	33.5	8.2	24.9	3.07
I3	20071211	26	14.4	86	7.8	33.5	8.2	24.9	2.83
I3	20071211	27	14.3	85	7.6	33.5	8.2	24.9	2.57
I3	20071211	28	14.3	85	7.5	33.5	8.1	24.9	2.55
I30	20071203	1	15.8	80	8.0	33.5	8.3	24.6	2.58
I30	20071203	2	15.7	81	8.0	33.5	8.3	24.6	2.70
I30	20071203	3	15.7	81	8.0	33.5	8.2	24.7	3.06
I30	20071203	4	15.7	81	8.0	33.5	8.2	24.7	3.40
I30	20071203	5	15.7	81	8.0	33.5	8.2	24.7	3.85
I30	20071203	6	15.7	81	8.0	33.5	8.2	24.7	4.24
I30	20071203	7	15.7	81	8.0	33.5	8.2	24.7	4.69
I30	20071203	8	15.7	81	8.0	33.5	8.2	24.7	4.94
I30	20071203	9	15.6	81	8.0	33.5	8.2	24.7	5.15
I30	20071203	10	15.6	81	8.0	33.5	8.2	24.7	5.02
I30	20071203	11	15.6	81	7.9	33.5	8.2	24.7	4.49
I30	20071203	12	15.5	81	7.9	33.5	8.2	24.7	4.14
I30	20071203	13	15.3	81	7.9	33.5	8.2	24.7	3.58
I30	20071203	14	14.9	82	7.8	33.5	8.2	24.8	3.17
I30	20071203	15	14.6	82	7.7	33.5	8.2	24.9	2.81
I30	20071203	16	14.4	82	7.6	33.5	8.2	24.9	2.63
I30	20071203	17	14.2	82	7.5	33.4	8.2	24.9	2.42
I30	20071203	18	14.1	82	7.4	33.4	8.2	25.0	2.40
I30	20071203	19	14.0	82	7.4	33.4	8.2	25.0	2.45
I30	20071203	20	14.0	81	7.3	33.4	8.2	25.0	2.35
I30	20071203	21	14.0	81	7.3	33.4	8.2	25.0	2.30
I30	20071203	22	13.9	81	7.3	33.4	8.1	25.0	2.24
I30	20071203	23	13.9	82	7.3	33.4	8.1	25.0	2.32
I30	20071203	24	13.9	82	7.3	33.4	8.1	25.0	2.22
I30	20071203	25	13.9	82	7.3	33.4	8.1	25.0	2.25
I30	20071203	26	13.9	82	7.3	33.4	8.1	25.0	2.18
I30	20071203	27	13.9	82	7.3	33.4	8.1	25.0	2.19
I30	20071203	28	13.8	82	7.3	33.4	8.1	25.0	2.26
I31	20071203	1	16.0	80	7.9	33.5	8.3	24.6	1.39
I31	20071203	2	15.9	82	7.9	33.5	8.3	24.6	1.60
I31	20071203	3	15.9	82	7.9	33.5	8.3	24.6	1.82
I31	20071203	4	15.9	82	7.9	33.5	8.3	24.6	2.01
I31	20071203	5	15.9	82	7.9	33.5	8.3	24.6	2.18
I31	20071203	6	15.6	83	7.9	33.5	8.2	24.7	2.41
I31	20071203	7	15.3	81	7.8	33.5	8.2	24.7	2.61
I31	20071203	8	15.1	79	7.6	33.5	8.2	24.8	2.97
I31	20071203	9	14.9	77	7.6	33.5	8.2	24.8	3.38
I31	20071203	10	14.8	77	7.5	33.5	8.2	24.8	3.74
I31	20071203	11	14.7	77	7.5	33.5	8.2	24.9	3.72
I31	20071203	12	14.6	76	7.5	33.5	8.2	24.9	3.52
I31	20071203	13	14.6	76	7.5	33.5	8.2	24.9	3.24

CTD PROFILE DATA

STN	DATE	DEPTH m	TEMP deg C	XMS %	DO mg/L	SAL ppt	pH	DENSITY sigma-t	CHLOR ug/L
I31	20071203	14	14.4	78	7.5	33.4	8.2	24.9	2.83
I31	20071203	15	14.3	77	7.4	33.4	8.2	24.9	2.73
I31	20071203	16	14.3	76	7.3	33.4	8.2	24.9	2.65
I31	20071203	17	14.3	74	7.3	33.4	8.2	24.9	2.63
I31	20071203	18	14.3	74	7.3	33.4	8.2	24.9	2.64
I31	20071203	19	14.3	73	7.3	33.4	8.2	24.9	2.68
I32	20071203	1	16.0	72	8.1	33.5	8.3	24.6	2.61
I32	20071203	2	15.9	72	8.1	33.5	8.3	24.6	2.92
I32	20071203	3	15.8	71	8.1	33.5	8.3	24.6	4.16
I32	20071203	4	15.8	69	8.1	33.5	8.3	24.6	5.22
I32	20071203	5	15.8	69	8.0	33.5	8.3	24.6	4.74
I32	20071203	6	15.8	71	7.9	33.5	8.2	24.6	5.16
I32	20071203	7	15.8	71	7.9	33.5	8.2	24.6	5.18
I32	20071203	8	15.7	71	7.9	33.5	8.2	24.6	5.08
I32	20071203	9	15.6	71	8.0	33.5	8.2	24.7	4.65
I32	20071203	10	15.6	71	8.0	33.5	8.2	24.7	3.53
I33	20071203	1	15.9	86	7.8	33.5	8.2	24.6	1.21
I33	20071203	2	15.9	87	7.9	33.5	8.2	24.6	1.19
I33	20071203	3	15.9	88	7.8	33.5	8.2	24.6	1.24
I33	20071203	4	15.9	88	7.8	33.5	8.2	24.6	1.28
I33	20071203	5	15.9	88	7.8	33.5	8.2	24.6	1.42
I33	20071203	6	15.9	87	7.8	33.5	8.2	24.6	1.48
I33	20071203	7	15.9	88	7.9	33.5	8.2	24.6	1.56
I33	20071203	8	15.9	88	7.9	33.5	8.2	24.6	1.65
I33	20071203	9	15.9	87	7.9	33.5	8.2	24.6	2.05
I33	20071203	10	15.9	87	7.9	33.5	8.2	24.6	2.02
I33	20071203	11	15.9	88	7.9	33.5	8.2	24.6	2.19
I33	20071203	12	15.9	87	7.9	33.5	8.2	24.6	2.33
I33	20071203	13	15.9	87	7.9	33.5	8.2	24.6	2.45
I33	20071203	14	15.9	87	7.9	33.5	8.2	24.6	2.66
I33	20071203	15	15.9	87	7.9	33.5	8.2	24.6	2.74
I33	20071203	16	15.9	87	7.9	33.5	8.2	24.6	2.73
I33	20071203	17	15.9	87	7.9	33.5	8.2	24.6	2.75
I33	20071203	18	15.7	87	7.9	33.5	8.2	24.7	2.77
I33	20071203	19	15.0	87	7.9	33.5	8.2	24.8	2.89
I33	20071203	20	14.7	85	7.7	33.4	8.2	24.8	2.90
I33	20071203	21	14.5	85	7.6	33.4	8.2	24.9	2.71
I33	20071203	22	14.3	84	7.4	33.4	8.2	24.9	2.77
I33	20071203	23	14.1	83	7.4	33.4	8.2	24.9	2.49
I33	20071203	24	14.0	84	7.4	33.4	8.1	24.9	2.54
I33	20071203	25	13.8	83	7.4	33.4	8.1	25.0	2.41
I33	20071203	26	13.7	83	7.3	33.4	8.1	25.0	2.25
I33	20071203	27	13.5	84	7.3	33.4	8.1	25.0	2.19
I33	20071203	28	13.4	84	7.2	33.4	8.1	25.0	2.06
I33	20071203	29	13.4	84	7.2	33.3	8.1	25.0	2.02

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CTD PROFILE DATA

STN	DATE	DEPTH m	TEMP deg C	XMS %	DO mg/L	SAL ppt	pH	DENSITY sigma-t	CHLOR ug/L
I33	20071203	30	13.1	84	7.2	33.4	8.1	25.1	1.93
I33	20071203	31	12.9	84	7.0	33.4	8.1	25.2	1.82
I34	20071203	1	16.0	86	7.9	33.5	8.2	24.6	1.52
I34	20071203	2	16.0	87	8.0	33.5	8.2	24.6	1.60
I34	20071203	3	16.0	86	8.0	33.5	8.2	24.6	1.75
I34	20071203	4	16.0	86	8.0	33.5	8.2	24.6	1.80
I34	20071203	5	15.9	86	8.0	33.5	8.2	24.6	1.90
I34	20071203	6	15.9	86	8.0	33.5	8.2	24.6	2.08
I34	20071203	7	15.9	86	8.0	33.5	8.2	24.6	2.37
I34	20071203	8	15.9	86	8.0	33.5	8.2	24.6	2.65
I34	20071203	9	15.9	86	8.0	33.5	8.2	24.6	3.05
I34	20071203	10	15.9	86	8.0	33.5	8.2	24.6	3.13
I34	20071203	11	15.9	86	8.0	33.5	8.2	24.6	3.18
I34	20071203	12	15.9	86	8.0	33.5	8.2	24.6	3.27
I34	20071203	13	15.9	86	7.9	33.5	8.2	24.6	3.25
I34	20071203	14	15.9	86	7.9	33.5	8.2	24.6	3.38
I34	20071203	15	15.9	86	7.9	33.5	8.2	24.6	3.28
I34	20071203	16	15.8	86	7.9	33.5	8.2	24.6	3.16
I34	20071203	17	15.7	86	7.9	33.5	8.2	24.7	3.31
I34	20071203	18	15.6	86	7.9	33.5	8.2	24.7	3.33
I34	20071203	19	15.4	86	7.8	33.5	8.2	24.7	3.54
I34	20071203	20	15.2	84	7.6	33.5	8.2	24.8	3.06
I35	20071203	1	15.9	79	7.9	33.5	8.2	24.6	2.52
I35	20071203	2	15.9	79	7.9	33.5	8.2	24.6	2.58
I35	20071203	3	15.9	79	7.9	33.5	8.2	24.6	2.90
I35	20071203	4	15.9	79	8.0	33.5	8.2	24.6	3.09
I35	20071203	5	15.8	79	7.9	33.5	8.2	24.6	3.83
I35	20071203	6	15.8	79	7.9	33.5	8.2	24.6	4.79
I35	20071203	7	15.8	79	8.0	33.5	8.2	24.6	5.67
I35	20071203	8	15.8	78	8.0	33.5	8.2	24.6	6.38
I35	20071203	9	15.8	78	8.0	33.5	8.2	24.6	6.90
I35	20071203	10	15.8	78	8.0	33.5	8.2	24.6	7.06
I35	20071203	11	15.8	78	8.0	33.5	8.2	24.6	6.95
I35	20071203	12	15.8	78	8.0	33.5	8.2	24.6	6.46
I35	20071203	13	15.8	77	8.0	33.5	8.2	24.7	6.31
I35	20071203	14	15.7	78	8.0	33.5	8.2	24.7	6.22
I35	20071203	15	15.7	78	7.9	33.5	8.2	24.7	5.44
I35	20071203	16	15.7	78	7.9	33.5	8.2	24.7	4.59
I35	20071203	17	15.6	78	7.9	33.5	8.2	24.7	3.84
I35	20071203	18	14.9	78	7.9	33.5	8.2	24.8	3.11
I35	20071203	19	14.5	76	7.4	33.5	8.1	24.9	2.87
I36	20071203	1	16.0	74	8.0	33.4	8.3	24.6	1.96
I36	20071203	2	15.9	74	8.0	33.4	8.3	24.6	1.97
I36	20071203	3	15.8	74	8.0	33.4	8.3	24.6	2.80
I36	20071203	4	15.7	74	8.0	33.4	8.3	24.6	4.79

CTD PROFILE DATA

STN	DATE	DEPTH m	TEMP deg C	XMS %	DO mg/L	SAL ppt	pH	DENSITY sigma-t	CHLOR ug/L
I36	20071203	5	15.7	71	8.0	33.4	8.3	24.6	5.76
I36	20071203	6	15.6	71	8.0	33.4	8.3	24.6	6.01
I36	20071203	7	15.6	70	7.9	33.4	8.3	24.6	5.98
I36	20071203	8	15.6	71	7.9	33.4	8.3	24.6	5.66
I36	20071203	9	15.6	71	7.9	33.4	8.3	24.6	5.17
I36	20071203	10	15.6	71	7.8	33.4	8.2	24.6	4.72
I36	20071203	11	15.6	71	7.8	33.4	8.2	24.6	4.32
I36	20071203	12	15.6	71	7.8	33.4	8.2	24.6	4.30
I37	20071203	1	15.5	71	7.9	33.5	8.2	24.7	5.42
I37	20071203	2	15.5	71	7.9	33.5	8.2	24.7	4.90
I37	20071203	3	15.5	71	7.9	33.5	8.2	24.7	5.81
I37	20071203	4	15.5	71	7.9	33.5	8.2	24.7	7.06
I37	20071203	5	15.5	71	7.9	33.5	8.2	24.7	7.26
I37	20071203	6	15.5	71	7.9	33.5	8.2	24.7	6.90
I37	20071203	7	15.5	72	7.8	33.5	8.2	24.7	6.87
I37	20071203	8	15.5	73	7.8	33.5	8.2	24.7	6.42
I37	20071203	9	15.5	73	7.8	33.5	8.2	24.7	6.09
I37	20071203	10	15.5	73	7.8	33.5	8.2	24.7	5.54
I37	20071203	11	15.5	74	7.8	33.5	8.2	24.7	5.25
I37	20071203	12	15.5	74	7.8	33.5	8.2	24.7	5.27
I37	20071203	13	15.5	74	7.8	33.5	8.2	24.7	4.89
I38	20071203	1	15.9	75	8.0	33.5	8.2	24.6	1.97
I38	20071203	2	15.9	75	8.0	33.5	8.2	24.6	2.14
I38	20071203	3	15.7	75	8.0	33.5	8.2	24.6	2.92
I38	20071203	4	15.7	74	8.0	33.5	8.3	24.6	4.26
I38	20071203	5	15.6	74	8.1	33.5	8.3	24.6	5.45
I38	20071203	6	15.6	74	8.1	33.5	8.3	24.6	6.39
I38	20071203	7	15.6	74	8.2	33.5	8.3	24.7	7.21
I38	20071203	8	15.6	73	8.2	33.5	8.3	24.7	8.53
I38	20071203	9	15.5	73	8.2	33.5	8.3	24.7	8.21
I38	20071203	10	15.5	73	8.2	33.5	8.3	24.7	7.25
I38	20071203	11	15.5	72	8.1	33.5	8.2	24.7	6.36
I38	20071203	12	15.5	70	8.0	33.5	8.2	24.7	5.81
I39	20071204	1	15.5	81	7.7	33.5	8.2	24.7	3.03
I39	20071204	2	15.1	81	7.7	33.5	8.2	24.8	3.02
I39	20071204	3	14.9	79	7.6	33.5	8.1	24.8	2.91
I39	20071204	4	14.5	76	7.4	33.5	8.1	24.9	2.47
I39	20071204	5	14.4	75	7.2	33.5	8.1	24.9	2.31
I39	20071204	6	14.2	75	7.1	33.4	8.1	24.9	2.17
I39	20071204	7	14.1	76	7.1	33.4	8.1	24.9	2.14
I39	20071204	8	14.1	76	7.1	33.4	8.1	25.0	2.06
I39	20071204	9	14.1	77	7.1	33.4	8.1	25.0	2.12
I39	20071204	10	14.1	76	7.1	33.4	8.1	25.0	2.20
I39	20071204	11	14.1	76	7.1	33.4	8.1	25.0	2.14
I39	20071204	12	14.1	76	7.1	33.4	8.1	25.0	2.15

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CTD PROFILE DATA

STN	DATE	DEPTH m	TEMP deg C	XMS %	DO mg/L	SAL ppt	pH	DENSITY sigma-t	CHLOR ug/L
I39	20071204	13	14.0	76	7.1	33.4	8.1	25.0	2.18
I39	20071204	14	13.9	77	7.1	33.4	8.1	25.0	2.15
I39	20071204	15	13.8	78	7.1	33.4	8.1	25.0	2.19
I39	20071204	16	13.7	77	7.1	33.4	8.1	25.0	2.33
I39	20071204	17	13.6	78	7.1	33.4	8.1	25.0	2.53
I39	20071204	18	13.6	80	7.1	33.4	8.1	25.1	2.57
I39	20071204	19	13.5	82	7.1	33.4	8.1	25.1	2.59
I39	20071204	20	13.5	81	7.1	33.4	8.1	25.1	2.48
I4	20071211	1	14.4	81	7.8	33.5	8.2	24.9	4.20
I4	20071211	2	14.4	81	7.8	33.5	8.2	24.9	4.42
I4	20071211	3	14.4	81	7.8	33.5	8.2	24.9	4.51
I4	20071211	4	14.4	81	7.9	33.5	8.2	24.9	4.59
I4	20071211	5	14.4	81	7.8	33.5	8.2	24.9	4.78
I4	20071211	6	14.4	81	7.8	33.5	8.2	24.9	4.93
I4	20071211	7	14.4	81	7.8	33.5	8.2	24.9	5.00
I4	20071211	8	14.4	81	7.8	33.5	8.2	24.9	4.82
I4	20071211	9	14.4	81	7.8	33.5	8.2	24.9	4.65
I4	20071211	10	14.4	81	7.8	33.5	8.2	24.9	4.47
I4	20071211	11	14.4	81	7.8	33.5	8.2	24.9	4.61
I4	20071211	12	14.4	81	7.8	33.5	8.2	24.9	4.66
I4	20071211	13	14.4	81	7.8	33.5	8.2	24.9	4.63
I4	20071211	14	14.4	81	7.8	33.5	8.2	24.9	4.61
I4	20071211	15	14.4	81	7.8	33.5	8.2	24.9	4.37
I4	20071211	16	14.4	80	7.8	33.5	8.2	24.9	4.10
I4	20071211	17	14.4	79	7.8	33.5	8.2	24.9	3.87
I4	20071211	18	14.4	79	7.8	33.5	8.2	24.9	3.88
I4	20071211	19	14.4	78	7.8	33.5	8.2	24.9	3.81
I4	20071211	20	14.4	78	7.8	33.5	8.2	24.9	3.86
I4	20071211	21	14.4	75	7.8	33.5	8.2	24.9	3.89
I40	20071204	1	15.5	69	7.9	33.5	8.2	24.7	3.65
I40	20071204	2	15.5	68	7.9	33.5	8.2	24.7	3.84
I40	20071204	3	15.5	68	7.9	33.4	8.2	24.7	4.55
I40	20071204	4	15.5	68	7.9	33.4	8.2	24.7	4.80
I40	20071204	5	15.4	68	7.9	33.4	8.2	24.7	4.93
I40	20071204	6	15.3	67	7.9	33.5	8.2	24.7	3.97
I40	20071204	7	15.0	68	7.8	33.5	8.2	24.8	3.10
I40	20071204	8	14.7	70	7.8	33.5	8.2	24.8	2.69
I40	20071204	9	14.7	70	7.8	33.4	8.2	24.9	2.76
I40	20071204	10	14.5	71	7.7	33.5	8.2	24.9	4.08
I40	20071204	11	14.3	59	7.5	33.5	8.1	24.9	8.64
I5	20071211	1	14.4	73	7.8	33.5	8.2	24.9	4.27
I5	20071211	2	14.4	75	7.9	33.5	8.2	24.9	4.17
I5	20071211	3	14.4	75	7.9	33.5	8.2	24.9	4.51
I5	20071211	4	14.4	75	7.9	33.5	8.2	24.9	4.55
I5	20071211	5	14.5	75	7.9	33.5	8.2	24.9	4.68

CTD PROFILE DATA

STN	DATE	DEPTH m	TEMP deg C	XMS %	DO mg/L	SAL ppt	pH	DENSITY sigma-t	CHLOR ug/L
I5	20071211	6	14.5	75	7.8	33.5	8.2	24.9	4.84
I5	20071211	7	14.5	74	7.8	33.5	8.2	24.9	4.32
I5	20071211	8	14.4	74	7.8	33.5	8.2	24.9	4.31
I5	20071211	9	14.4	74	7.8	33.5	8.2	24.9	4.35
I5	20071211	10	14.4	74	7.8	33.5	8.2	24.9	4.33
I5	20071211	11	14.4	74	7.8	33.5	8.2	24.9	4.12
I5	20071211	12	14.4	73	7.8	33.5	8.2	24.9	4.10
I5	20071211	13	14.4	73	7.8	33.5	8.2	24.9	4.16
I5	20071211	14	14.4	71	7.8	33.5	8.2	24.9	3.94
I5	20071211	15	14.4	70	7.8	33.5	8.2	24.9	3.97
I5	20071211	16	14.4	72	7.8	33.5	8.2	24.9	4.10
I6	20071211	1	14.6	86	7.9	33.5	8.2	24.9	2.63
I6	20071211	2	14.6	86	7.9	33.5	8.2	24.9	2.72
I6	20071211	3	14.6	86	7.9	33.5	8.2	24.9	2.94
I6	20071211	4	14.6	86	7.9	33.5	8.2	24.9	3.19
I6	20071211	5	14.6	86	7.9	33.5	8.2	24.9	3.48
I6	20071211	6	14.6	86	7.9	33.5	8.2	24.9	3.40
I6	20071211	7	14.6	86	7.9	33.5	8.2	24.9	3.39
I6	20071211	8	14.6	86	7.9	33.5	8.2	24.9	3.45
I6	20071211	9	14.6	86	7.9	33.5	8.2	24.9	3.53
I6	20071211	10	14.6	86	7.9	33.5	8.2	24.9	3.45
I6	20071211	11	14.6	86	7.9	33.5	8.2	24.9	3.51
I6	20071211	12	14.6	86	7.9	33.5	8.2	24.9	3.51
I6	20071211	13	14.6	86	7.9	33.5	8.2	24.9	3.52
I6	20071211	14	14.6	86	7.9	33.5	8.2	24.9	3.49
I6	20071211	15	14.6	86	7.9	33.5	8.2	24.9	3.47
I6	20071211	16	14.6	86	7.9	33.5	8.2	24.9	3.55
I6	20071211	17	14.6	86	7.9	33.5	8.2	24.9	3.56
I6	20071211	18	14.6	86	7.9	33.5	8.2	24.9	3.40
I6	20071211	19	14.6	86	7.9	33.5	8.2	24.9	3.44
I6	20071211	20	14.6	86	7.9	33.5	8.2	24.9	3.33
I6	20071211	21	14.6	86	7.9	33.5	8.2	24.9	3.44
I6	20071211	22	14.6	86	7.9	33.5	8.2	24.9	3.52
I6	20071211	23	14.6	86	7.9	33.5	8.2	24.9	3.59
I6	20071211	24	14.6	86	7.9	33.5	8.2	24.9	3.51
I6	20071211	25	14.6	86	7.9	33.5	8.2	24.9	3.32
I6	20071211	26	14.6	86	7.9	33.5	8.2	24.9	3.18
I6	20071211	27	14.5	86	7.9	33.5	8.2	24.9	2.99
I7	20071211	1	14.5	86	7.9	33.5	8.2	24.9	3.55
I7	20071211	2	14.5	86	7.9	33.5	8.2	24.9	3.61
I7	20071211	3	14.5	86	7.9	33.5	8.2	24.9	3.64
I7	20071211	4	14.5	86	7.9	33.5	8.2	24.9	3.73
I7	20071211	5	14.5	86	7.9	33.5	8.2	24.9	3.72
I7	20071211	6	14.5	86	7.9	33.5	8.2	24.9	3.77
I7	20071211	7	14.5	86	7.9	33.5	8.2	24.9	3.84

20071211

CTD PROFILE DATA

STN	DATE	DEPTH m	TEMP deg C	XMS %	DO mg/L	SAL ppt	pH	DENSITY sigma-t	CHLOR ug/L
I7	20071211	8	14.5	86	7.9	33.5	8.2	24.9	3.80
I7	20071211	9	14.5	86	7.9	33.5	8.2	24.9	3.83
I7	20071211	10	14.5	86	7.9	33.5	8.2	24.9	3.85
I7	20071211	11	14.5	86	7.9	33.5	8.2	24.9	3.82
I7	20071211	12	14.5	86	7.9	33.5	8.2	24.9	3.77
I7	20071211	13	14.5	86	7.9	33.5	8.2	24.9	3.78
I7	20071211	14	14.5	86	7.9	33.5	8.2	24.9	3.73
I7	20071211	15	14.5	86	7.9	33.5	8.2	24.9	3.72
I7	20071211	16	14.5	87	7.9	33.5	8.2	24.9	3.66
I7	20071211	17	14.5	87	7.9	33.5	8.2	24.9	3.58
I7	20071211	18	14.5	87	7.9	33.5	8.2	24.9	3.48
I7	20071211	19	14.5	87	7.9	33.5	8.2	24.9	3.32
I7	20071211	20	14.5	87	7.8	33.5	8.2	24.9	3.28
I7	20071211	21	14.3	87	7.8	33.5	8.2	24.9	3.14
I7	20071211	22	14.2	87	7.8	33.5	8.1	25.0	2.89
I7	20071211	23	14.0	87	7.7	33.5	8.1	25.0	2.77
I7	20071211	24	13.7	87	7.6	33.5	8.1	25.1	2.68
I7	20071211	25	13.6	87	7.5	33.4	8.1	25.1	2.51
I7	20071211	26	13.6	86	7.3	33.5	8.1	25.1	2.36
I7	20071211	27	13.4	86	7.3	33.5	8.1	25.1	2.21
I7	20071211	28	13.3	85	7.2	33.5	8.1	25.1	2.17
I7	20071211	29	13.3	84	7.1	33.4	8.1	25.1	2.11
I7	20071211	30	13.1	84	7.0	33.4	8.1	25.2	2.05
I7	20071211	31	13.0	84	7.0	33.4	8.1	25.2	2.00
I7	20071211	32	13.0	84	6.9	33.4	8.1	25.2	2.00
I7	20071211	33	12.9	84	6.9	33.4	8.1	25.2	1.94
I7	20071211	34	12.9	84	6.8	33.4	8.0	25.2	1.92
I7	20071211	35	12.9	84	6.8	33.4	8.0	25.2	1.91
I7	20071211	36	12.8	84	6.8	33.4	8.0	25.2	1.86
I7	20071211	37	12.8	84	6.8	33.4	8.0	25.2	1.86
I7	20071211	38	12.8	85	6.8	33.4	8.0	25.2	1.80
I7	20071211	39	12.8	84	6.8	33.4	8.0	25.2	1.77
I7	20071211	40	12.8	83	6.7	33.4	8.0	25.2	1.75
I7	20071211	41	12.7	83	6.7	33.4	8.0	25.2	1.75
I7	20071211	42	12.7	83	6.7	33.4	8.0	25.2	1.72
I7	20071211	43	12.7	84	6.7	33.4	8.0	25.2	1.70
I7	20071211	44	12.6	84	6.6	33.4	8.0	25.3	1.65
I7	20071211	45	12.6	83	6.6	33.4	8.0	25.3	1.65
I7	20071211	46	12.6	83	6.6	33.4	8.0	25.3	1.64
I7	20071211	47	12.6	83	6.6	33.4	8.0	25.3	1.65
I7	20071211	48	12.6	83	6.5	33.4	8.0	25.3	1.59
I7	20071211	49	12.5	82	6.5	33.4	8.0	25.3	1.56
I7	20071211	50	12.5	82	6.5	33.4	8.0	25.3	1.58
I7	20071211	51	12.5	82	6.4	33.4	8.0	25.3	1.58
I7	20071211	52	12.5	82	6.4	33.4	8.0	25.3	1.58

CTD PROFILE DATA

STN	DATE	DEPTH m	TEMP deg C	XMS %	DO mg/L	SAL ppt	pH	DENSITY sigma-t	CHLOR ug/L
I7	20071211	53	12.5	81	6.4	33.4	8.0	25.3	1.58
I8	20071211	1	14.5	87	7.9	33.5	8.2	24.9	2.13
I8	20071211	2	14.5	87	7.9	33.5	8.2	24.9	2.27
I8	20071211	3	14.5	87	7.9	33.5	8.2	24.9	2.36
I8	20071211	4	14.5	87	7.9	33.5	8.2	24.9	2.55
I8	20071211	5	14.5	87	7.9	33.5	8.2	24.9	2.78
I8	20071211	6	14.5	87	7.9	33.5	8.2	24.9	2.90
I8	20071211	7	14.5	87	7.9	33.5	8.2	24.9	3.30
I8	20071211	8	14.5	87	7.9	33.5	8.2	24.9	3.31
I8	20071211	9	14.5	87	7.9	33.5	8.2	24.9	3.25
I8	20071211	10	14.4	87	7.9	33.5	8.2	24.9	3.23
I8	20071211	11	14.4	87	7.9	33.5	8.2	24.9	3.12
I8	20071211	12	14.4	87	7.9	33.5	8.2	24.9	3.29
I8	20071211	13	14.4	87	7.9	33.5	8.2	24.9	3.10
I8	20071211	14	14.4	87	7.9	33.5	8.2	24.9	3.02
I8	20071211	15	14.4	88	7.9	33.5	8.2	24.9	2.92
I8	20071211	16	14.4	88	7.9	33.5	8.2	24.9	2.82
I8	20071211	17	14.4	88	7.9	33.5	8.2	24.9	2.86
I8	20071211	18	14.4	88	7.9	33.5	8.2	24.9	2.78
I8	20071211	19	14.4	88	7.9	33.5	8.2	24.9	2.81
I8	20071211	20	14.4	88	7.9	33.5	8.2	24.9	2.78
I8	20071211	21	14.4	88	7.9	33.5	8.2	24.9	2.87
I8	20071211	22	14.4	88	7.9	33.5	8.2	24.9	2.89
I8	20071211	23	14.4	88	7.9	33.5	8.2	24.9	2.84
I8	20071211	24	14.4	88	7.9	33.5	8.2	24.9	2.81
I8	20071211	25	14.4	88	7.9	33.5	8.2	24.9	2.82
I8	20071211	26	14.4	88	7.9	33.5	8.2	24.9	2.81
I8	20071211	27	14.4	88	7.9	33.5	8.2	24.9	2.77
I8	20071211	28	14.2	88	7.9	33.5	8.2	25.0	2.46
I8	20071211	29	14.1	88	7.7	33.5	8.1	25.0	2.47
I8	20071211	30	13.9	87	7.5	33.5	8.1	25.0	2.15
I8	20071211	31	13.5	87	7.4	33.5	8.1	25.1	2.18
I8	20071211	32	13.4	84	7.2	33.5	8.1	25.1	1.99
I8	20071211	33	13.3	82	7.0	33.5	8.1	25.1	1.99
I8	20071211	34	13.3	81	6.9	33.5	8.1	25.1	2.00
I8	20071211	35	13.3	80	6.8	33.5	8.1	25.1	2.00
I8	20071211	36	13.3	80	6.8	33.5	8.1	25.1	2.02
I8	20071211	37	13.3	80	6.7	33.5	8.1	25.1	2.02
I8	20071211	38	13.3	80	6.7	33.5	8.1	25.1	2.03
I9	20071211	1	14.6	86	7.9	33.5	8.2	24.9	1.96
I9	20071211	2	14.6	86	7.8	33.5	8.2	24.9	2.10
I9	20071211	3	14.6	86	7.8	33.5	8.2	24.9	2.14
I9	20071211	4	14.6	86	7.9	33.5	8.2	24.9	2.35
I9	20071211	5	14.6	86	7.8	33.5	8.2	24.9	2.55
I9	20071211	6	14.6	86	7.9	33.5	8.2	24.9	2.70

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CTD PROFILE DATA

STN	DATE	DEPTH m	TEMP deg C	XMS %	DO mg/L	SAL ppt	pH	DENSITY sigma-t	CHLOR ug/L
I9	20071211	7	14.6	86	7.9	33.5	8.2	24.9	2.71
I9	20071211	8	14.6	86	7.9	33.5	8.2	24.9	2.80
I9	20071211	9	14.6	86	7.9	33.5	8.2	24.9	2.77
I9	20071211	10	14.6	86	7.9	33.5	8.2	24.9	2.76
I9	20071211	11	14.6	86	7.9	33.5	8.2	24.9	2.82
I9	20071211	12	14.6	86	7.9	33.5	8.2	24.9	2.85
I9	20071211	13	14.6	86	7.9	33.5	8.2	24.9	2.83
I9	20071211	14	14.6	86	7.9	33.5	8.2	24.9	2.90
I9	20071211	15	14.6	86	7.9	33.5	8.2	24.9	2.89
I9	20071211	16	14.6	86	7.9	33.5	8.2	24.9	3.04
I9	20071211	17	14.6	86	7.9	33.5	8.2	24.9	2.76
I9	20071211	18	14.6	86	7.8	33.5	8.2	24.9	2.76
I9	20071211	19	14.6	86	7.8	33.5	8.2	24.9	2.79
I9	20071211	20	14.5	85	7.8	33.5	8.2	24.9	2.88
I9	20071211	21	14.5	84	7.8	33.5	8.2	24.9	2.87
I9	20071211	22	14.4	83	7.7	33.5	8.2	24.9	2.78
I9	20071211	23	14.3	82	7.7	33.5	8.2	24.9	2.51
I9	20071211	24	14.2	82	7.6	33.5	8.2	25.0	2.24
I9	20071211	25	14.1	82	7.5	33.5	8.1	25.0	2.01
I9	20071211	26	14.0	81	7.4	33.5	8.1	25.0	2.11
I9	20071211	27	14.0	79	7.3	33.5	8.1	25.0	2.07
I9	20071211	28	14.0	78	7.2	33.5	8.1	25.0	2.10
I9	20071211	29	13.9	77	7.2	33.5	8.1	25.0	2.01
I9	20071211	30	13.9	77	7.1	33.5	8.1	25.0	2.06
I9	20071211	31	14.0	76	7.1	33.5	8.1	25.0	2.05

QUALITY ASSURANCE



Bacteriological Quality Assurance Duplicate and Split Sample Analyses

Sample Date: 04-DEC-07

Station	Depth (m)	QA/QC Procedure	Analyst	TOTAL	FECAL	ENTERO
				CFU/100 mL	CFU/100 mL	CFU/100 mL
I19	6	DUPLICATE	AR	5600	600	34e
		SPLIT/ANALYST 2	AR	6400	780	50

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